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UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Robert E. Grove, et al. H/15
Serial No.: 08/022,978
Filed : February 24, 1993
For : PULSED INFRARED LASER TREATMENT OF PSORIASIS

Examiner : A. Sykes
Art Unit : 3305

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(v)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner of Patents and Trademarks, Washington, DC 20231, on this day of March, 1995.

Ronald J. Kransdorf, Req. 20,004

Commissioner of Patents
and Trademarks
Washington, DC 20231

Sir:

RULE 132 AFFIDAVIT

I, Ronald G. Wheeland, aver as follows:

1. I have a Bachelor's degree and a Medical degree received from the University of Arizona, and professional training as indicated on the attached curriculum vitae, including residence and fellowships in dermatology and dermatopathology.
2. I am currently Professor and Chairman of the Department of Dermatology at the University of New Mexico where I am also Residency Training Program Director. I am Board certified in both dermatology and dermatopathology. I have served two terms on the Board of Directors of the American Society for Laser Medicine and Surgery (ASLMS), I have chaired the Publications Committee for ASLMS and served as Section

Chairman for plastic surgery and dermatology at the 1990 ASLMS Annual Meeting. I am also on the Board of Directors of the Association of Academic Dermatologic Surgeons, and Vice President of the American Society of Dermatologic Surgery.

3. I have done extensive research in the laser dermatology and dermatologic area and am the author of 154 publications, including 3 books and 34 book chapters, many of which relate to the fields of laser dermatology and laser dermatologic studies. Attached to this Affidavit is a full curriculum vitae listing my publications, lectures and related activities. Based on the above and attached, I believe I qualify as an expert in the laser dermatology/dermatologic areas.

4. In February, 1993, when the above-identified patent application was filed, the conventional thinking was that, in order to destroy blood vessels or some other target within a person's body, the laser used for the procedure should operate at a wavelength which is preferentially absorbed by such target. I am familiar with U.S. Patent No. 4,733,660 to Itzkan and U.S. Patent No. 5,217,455 to Tan, both of which reflect the conventional wisdom discussed above. In particular, since blood, as is shown in Fig. 2 of the above-identified application, absorbs significant energy at wavelengths below 600 nm, and is roughly two orders of magnitude less absorbent at higher wavelengths, Itzkan teaches operating at a wavelength below 600 nm for the selective necrosis of blood vessels, while leaving adjacent tissue undamaged. Similarly, Tan is concerned with destroying tattoos, and in particular, the pigment of tattoos, while achieving minimal damage to surrounding tissue. Tan therefore operates at a wavelength where the tattoo pigments are highly absorbent to maximize damage to the tattoos, but where the blood vessels are not highly absorbent so as to minimize damage to blood vessels and surrounding tissue.

5. I am also aware of the work of Rasmussen in attempting to treat psoriasis by destroying blood vessels with lasers operating substantially as taught in Itzkan. The work of Rasmussen was only partially successful. One possible reason for this lack of success could be that, because of the high absorption of blood at wavelengths below 600 nm, it was not possible using the techniques of Itzkan to achieve significant damage of blood vessels at depths much beyond 0.5 mm unless the power of the laser was so high as to cause significant surface damage to the skin; whereas destruction of blood vessels at greater depths, perhaps up to 1 mm, might be desirable for the successful treatment of psoriasis.

6. Based on my knowledge and experience, there was nothing in the art, including the Itzkan and Tan references, which suggested in February, 1993 that deep destruction of blood vessels could be accomplished with a laser without serious damage to surface cells, and in particular, there was nothing to suggest that selective destruction of blood vessels could be accomplished by use of laser energy in the 700-1100 range, far less that such laser energy could be utilized for the selective destruction of deep blood vessels. This being true, there was nothing to suggest fluence levels or pulse durations which might be utilized to achieve such destruction. It is therefore my opinion, based on the Itzkan patent, the Tan patent, and all other prior art known to me, that it would not have been obvious to one skilled in the art in February, 1993 that selective deep destruction of blood vessels may be achieved through use of laser energy at wavelengths between 700 nm and 1100 nm; and in particular, with such lasers pulsed and designed so as to deliver fluences at the skin surface of

between 5 joules per square centimeter and 50 joules per square centimeter, and with each pulse having a pulse duration between 0.2 ms and 20 ms.

DATE: March 6, 1995


Ronald G. Wheeland, M.D.

1628E

CURRICULUM VITAE

NAME: **Ronald G. Wheeland, M.D., F.A.C.P.**

CURRENT POSITION:
Professor and Chairman
Department of Dermatology
University of New Mexico
Albuquerque, New Mexico

DATE OF BIRTH: October 24, 1947

PLACE OF BIRTH: Tucson, Arizona

MARITAL STATUS:
Married - May 26, 1973
Martha Kathleen Mansur

CHILDREN:
Christopher Ronald - March 22, 1974
Matthew Jonathan - November 18, 1975
Jeffrey Tyler - September 22, 1977

BUSINESS ADDRESS:
Department of Dermatology
University of New Mexico
2701 Frontier, N.E.
Surge Building, Room 268
Albuquerque, New Mexico 87131

BUSINESS TELEPHONE: (505) 277-4757

BUSINESS FACSIMILE: (505) 277-6770

HOME ADDRESS:
10700 Academy Road, N.E.
Apt. #1627
Albuquerque, New Mexico 87111

HOME TELEPHONE: (505) 299-1686

EDUCATION:
Tucson High School - 1965
Tucson, Arizona

University of Arizona, College of Liberal Arts - 1969, B.S.
Tucson, Arizona

University of Arizona, College of Medicine - 1973, M.D.
Tucson, Arizona

INTERNSHIP:
Internal Medicine - 1973-74
University of Arizona Health Sciences Center
Tucson, Arizona

RESIDENCY: Dermatology - 1974-77
University of Oklahoma Health Sciences Center
Oklahoma City, Oklahoma

FELLOWSHIPS: Dermatopathology - 1977-78
University of Oklahoma Health Sciences Center
Oklahoma City, Oklahoma

Mohs Micrographic Surgery and Oncology
Laser and Cutaneous Surgery - 1983-84
Cleveland Clinic Foundation
Cleveland, Ohio

BOARD CERTIFICATIONS: National Board of Medical Examiners - 1974
American Board of Dermatology - 1977
American Boards of Dermatology and Pathology
Special Competency in Dermatopathology - 1978
American Board of Laser Surgery - 1986

MEDICAL LICENSURE: Oklahoma - 1974
Montana - 1978
Arizona - 1980
Ohio - 1984
California - 1987
New Mexico - 1994

HONORS & AWARDS: Arizona Scholastic Honors Scholarship - 1965-67
University of Arizona
Beta Beta National Biological Sciences Honorary - 1968
University of Arizona
Honors Scholarship - 1969-71
College of Medicine
University of Arizona
Class Vice-President - 1970-71
College of Medicine
University of Arizona
Honorary Fellow - 1982
The Skin Cancer Foundation
New York, New York
Recipient, Theodore B. Sutnick, M.D. Award - 1984
Best Paper Presented at the Annual Meeting
American College of Mohs Micrographic Surgery
Washington, D.C.

HONORS & AWARDS (continued):

Listed, International Who's Who in Medicine - 1985-86
Cambridge, England

Winner, First Prize 6th Annual Resident's Competition - 1985
Journal of Dermatologic Surgery and Oncology 11:1063-1067.
Original Work Entitled "Treatment of Earlobe Keloids with
Carbon Dioxide Laser Excision: A Report of 16 Cases."

Member, Editorial Board - 1986-88
Assistant Editor - 1988-93
Journal of the American Academy of Dermatology

Guest Co-Editor - February, 1987
Journal of Dermatologic Surgery and Oncology 13, #2.
Special Issue on Lasers in Dermatology

Selected Physician Spokesman - 1987
American Society for Dermatologic Surgery

Recipient, Distinguished Alumnus of the Year Award - 1988
College of Medicine
University of Arizona

Recipient, Leon Goldman Medical Excellence Award - 1990
Sponsored by the International Society for Photo-Optical
Instrumentation Engineering (SPIE)
Los Angeles, California

Recipient, Alfred Winer Lectureship Award - 1991
Noah Worcester Dermatological Society Annual Scientific Meeting
Scottsdale, Arizona

Selected, "Best Doctors in America" - 1992-93
Dermatologic Laser Surgery
Woodward-White Publishers, Inc.; S Naifeh and GW Smith (Eds.)
Aiken, South Carolina

Winner, Third Prize, 13th Annual Resident's Competition - 1992
Journal of Dermatologic Surgery and Oncology 18:297-300.
Original Work Entitled "Analysis of the Carbon Dioxide Laser Plume for
Simian Immunodeficiency Virus."

Member, Editorial Board - 1989-92
Senior Editor - 1992-95
Associate Editor - 1995-present
Lasers in Surgery and Medicine

Recipient, President's Leadership Award - 1993
American Academy of Cosmetic Surgery
Annual Scientific Meeting
Los Angeles, California

HONORS & AWARDS (continued):

Recipient, Radcliffe Memorial Lectureship Award - 1993
University of Iowa, Department of Dermatology
Iowa City, Iowa

Selected, "Best Doctors in America" - 1994-95
Dermatologic Laser Surgery
Woodward-White Publishers, Inc.; S Naifeh and GW Smith (Eds.)
Aiken, South Carolina

Selected, National Directory of Who's Who in Executives and Professionals - 1994-95
National Directories Publishers, Inc.; Donald Douglas (Editor);
Massapequa, New York

Recipient, William B. Mark Memorial Award - 1995
For Outstanding Contributions to Laser Technology
A. Ward Ford Foundation
Wausau, Wisconsin

RESEARCH GRANTS:

University of Oklahoma Faculty Research Council - 1982
College of Medicine
University of Oklahoma Health Sciences Center
Oklahoma City, Oklahoma

Research Projects Committee - 1984-85
Cleveland Clinic Foundation
Cleveland, Ohio

Faculty Research Award - 1987
Committee on Research
University of California, Davis
Davis, California

Minnesota Laser Corporation - 1987
Laser Equipment Grant
Roseville, Minnesota

Dermatology Foundation - 1987
American Society for Dermatologic Surgery
Evanston, Illinois

Coherent Laser Corporation - 1987
Laser Equipment Grant
Palo Alto, California

Research Travel Grant - 1988
Committee on Research
University of California, Davis
Davis, California

RESEARCH GRANTS (continued):

Biomedical Research Fund Award - 1988
University of California, Davis
Davis, California

Stackhouse Associates, Incorporated - 1988
Laser Equipment Grant
El Segundo, California

Faculty Research Grant - 1988
University of California, Davis
Davis, California

Research Travel Grant - 1989
Committee on Research
University of California, Davis
Davis, California

Lasermetrics, Incorporated - 1989
Laser Equipment Grant
Orlando, Florida

Research Travel Grant - 1990
Committee on Research
University of California, Davis
Davis, California

Stackhouse, Incorporated - 1990
Laser Equipment Grant
El Segundo, California

Research Travel Grant - 1991
Committee on Research
University of California, Davis
Davis, California

Research Travel Grant - 1992
Committee on Research
University of California, Davis
Davis, California

Research Travel Grant - 1993
Committee on Research
University of California, Davis
Davis, California

Research Travel Grant - 1994
Committee on Research
University of California, Davis
Davis, California

**PROFESSIONAL
APPOINTMENTS:**

Instructor, Department of Dermatology - 1977-78
University of Oklahoma Health Sciences Center
Oklahoma City, Oklahoma

Visiting Lecturer, Department of Dermatology - 1978-79
University of Oklahoma Health Sciences Center
Oklahoma City, Oklahoma

Clinical Instructor, W.A.M.I. (Washington-Alaska-Montana-Idaho) Program - 1978-80
Division of Post-Graduate Education
University of Washington, School of Medicine
Seattle, Washington

Director, Clinical Research - 1980-83
Department of Dermatology
University of Oklahoma Health Sciences Center
Oklahoma City, Oklahoma

Assistant Professor - 1980-84
Department of Dermatology
University of Oklahoma Health Sciences Center
Oklahoma City, Oklahoma

Adjunct Assistant Professor - 1980-84
Department of Pathology
University of Oklahoma Health Sciences Center
Oklahoma City, Oklahoma

Staff Physician - 1984-87
Section of Mohs and Laser Surgery
Department of Dermatology
Cleveland Clinic Foundation
Cleveland, Ohio

Associate Professor - 1987-91
Chief, Mohs and Laser Surgery
Department of Dermatology
University of California, Davis
School of Medicine
Davis, California

Director, Clinical Services - 1989-93
Department of Dermatology
University of California, Davis Medical Center
Sacramento, California

Director, Residency Training Program - 1989-93
Department of Dermatology
University of California, Davis Medical Center
Sacramento, California

**PROFESSIONAL
APPOINTMENTS (continued):**

Acting Chairman - 1989-91
Department of Dermatology
University of California, Davis
Davis, California

Chairman - 1991-93
Department of Dermatology
University of California, Davis
Davis, California

Professor - 1991-94
Department of Dermatology
University of California, Davis
Davis, California

Director, Residency Training Program - 1994-present
Department of Dermatology
University of New Mexico Health Sciences Center
Albuquerque, New Mexico

Professor - 1994-present
Department of Dermatology
University of New Mexico
Albuquerque, New Mexico

**Chairman - 1994-present
Department of Dermatology
University of New Mexico
Albuquerque, New Mexico**

PROFESSIONAL SOCIETIES:

- Fellow - American Academy of Dermatology
- Fellow - American College of Physicians
- Fellow - American Society of Dermatopathology
- Fellow - American Society for Dermatologic Surgery
- Fellow - American Society for Laser Medicine and Surgery
- Fellow - International Society for Dermatologic Surgery
- Fellow - Skin Cancer Foundation
- Fellow - American College of Mohs Micrographic Surgery and Cutaneous Oncology
- Member - American Dermatological Association
- Member - Noah Worcester Dermatological Society
- Member - Association of Academic Dermatologic Surgeons
- Member - Association of Professors of Dermatology
- Member - Dermatology Foundation
- Member - Association of Surgical Faculty
- Member - Pacific Dermatologic Association
- Member - Southern Medical Association
- Member - Society for Investigative Dermatology
- Member - Sacramento Valley Dermatologic Society
- Member - New Mexico Dermatological Society

**CONSULTANT
POSITIONS:**

United States Public Health Service - 1976-77
Shawnee (PHS) Indian Health Hospital
Shawnee, Oklahoma
and
Pawnee (PHS) Indian Health Hospital
Pawnee, Oklahoma

United States Public Health Service - 1985
Bethel Native Medical Center
Bethel, Alaska
and
Alaska Native Medical Center
Anchorage, Alaska

Chief, Dermatology Service - 1980-83
Oklahoma Children's Memorial Hospital;
Oklahoma City, Oklahoma

Director - 1985-86
Skin Cancer Prevention and Detection Clinic
Cleveland Dermatological Society
Cleveland, Ohio

Director - 1985
Skin Cancer Information Day
Cleveland Clinic Foundation
Cleveland, Ohio

Co-Director - 1987-89
Skin Cancer Screening Clinics
University of California, Davis Medical Center
Sacramento, California

Director - 1989-94
Skin Cancer Screening Clinics
Co-Sponsored by American Cancer Society and
University of California, Davis Medical Center
Sacramento, California

Member - 1989-present
Medical Advisory Council
The Skin Cancer Foundation
New York, New York

Member - 1990-1992
Free Electron Laser Peer Review Panel
Office of Naval Research
Strategic Defense Initiative Organization (SDIO)
American Institute of Biological Sciences
Washington, D.C.

ELECTED OFFICES:

Treasurer - 1977-78
Secretary - 1980-81
Vice-President - 1981-1982
President - 1982-83
Oklahoma City Dermatological Society

Council Member - 1988-1993
Section on Dermatology
Pan American Medical Association

Board of Directors - 1988-92
President-Elect - 1992-93
President - 1993-94
Past-President - 1994-95
American Society for Laser Medicine and Surgery

Board of Directors - 1990-93
Vice-President - 1994-95
American Society for Dermatologic Surgery

Board of Directors - 1990-93
*American College of Mohs Micrographic
Surgery and Cutaneous Oncology*

Board of Directors - 1992-present
Association of Academic Dermatologic Surgeons

Treasurer - 1991-92
Secretary - 1992-93
Vice-President - 1993-94
Sacramento Valley Dermatologic Society
Sacramento, California

COMMITTEES:

*University of Oklahoma Health Sciences Center
Oklahoma City, Oklahoma*

Member - 1982-83
Laser Safety Committee
Oklahoma Children's Memorial Hospital

Member - 1980-83
Executive Committee
Oklahoma Children's Memorial Hospital

COMMITTEES (Continued):

*American College of Mohs Micrographic Surgery and Cutaneous Oncology
Schaumburg, Illinois*

Member - 1984-89
Committee on History

Chairman - 1986-88
Exhibits Committee

Member - 1986-93
Committee on Fellowship Training

Board of Directors - 1990-93

Chairman - 1992-1993
Scientific Program Committee for Annual Meeting

Member - 1992-1993
Tromovitch Award Committee

*American Society for Dermatologic Surgery
Schaumburg, Illinois*

Member - 1984-86
Committee on Outpatient Dermatologic Surgery

Member - 1984-86
Technical Exhibits Task Force

Chairman - 1985-87
Task Force on Dermatologic Surgery Fellowships

Contributor - 1988-89
Case-Log-User (CLU) Newsletter, Vol. 2, #2
March/April, 1989

Member - 1986-1992
Task Force on Exhibits
Consultant-Specialist for Annual Meeting of the
American Academy of Dermatology

Member - 1987-90
Committee on Residency Training

Member - 1987-92
Committee on Practice Marketing and Public Relations

Member - 1991-92
Ad Hoc Committee On National Council of Appearance

Member - 1989-1993
Task Force on Legislative Affairs

COMMITTEES (Continued):

Chairman - 1990-1993
Task Force on Physical Modalities—Lasers

Member - 1990-93
Committee on Governmental Liaison

Member - 1991-92, 1994-95
Chairman - 1992-93
Membership Review Committee

Member - 1993-present
Task Force to Establish Guidelines on Ethics

Board of Directors - 1990-93

Member - 1993-present
Task Force on Coding and Classification

ASDS Representative - 1994-95
National Association of Physicians for the Environment

Member - 1994-95
Task Force on the *Journal of Dermatologic Surgery and Oncology*

Cleveland Clinic Foundation
Cleveland, Ohio

Member - 1985-87
Quality Care and Tissue Review Committee

American National Standards Institute
Chicago, Illinois

Member - 1985-present
ANSI Z 136 National Subcommittee on Laser Safety in Medical Institutions

American Society for Laser Medicine and Surgery
Wausau, Wisconsin

Member 1986-88, 1990-92
Chairman - 1988-89, 1992-93
Publications Committee

Member - 1988-93
Ad Hoc Committee on Public Relations

Section Chairman 1989-90
Plastic Surgery and Dermatology

COMMITTEES (Continued):

Board of Directors - 1988-92
President-Elect - 1992-93
President - 1993-94
Past-President - 1994-95

Chairman - 1991
Ad Hoc Committee on Selection of Journal Editor
Lasers in Surgery and Medicine

Chairman - 1993-94
Blue Ribbon Committee on Device Labeling

Chairman - 1994-95
Nominating Committee

Chairman - 1994-95
Past-Presidents Committee

*University of California, Davis
Davis, California*

Member - 1987-94
Laser Safety Committee

Member - 1987-89
Human Experimentation Committee (Institutional Review Board)

Member - 1988-94
Quality Assurance Committee
Department of Dermatology

Member - 1988-94
Cancer Committee

Director - 1989-93
Dermatology Residency Training Program

Member - 1989-93
Council of Deans and Department Chairs

Director - 1989-93
Dermatology Clinical Outpatient Services

Member - 1989-94
Microscope Administrative Advisory Committee

Member - 1989-93
Medical Center Building Planning Committee

Member - 1989-93
Medical Staff Executive Committee

COMMITTEES (Continued):

Member - 1989-93
Clinical Chairs Committee

Member - 1989-92
Patient Accounts Committee

Member - 1989-94
Billing System Steering Committee

Member - 1990-93
Graduate Medical Education Advisory Committee

Member - 1991-94
Medical Claims Review and Advisory Subcommittee

Member - 1991-93
Medical Staff Clinical Resources Planning Committee

California Medical Association
San Francisco, California

Member - 1989-94
Dermatology Scientific Advisory Panel

Editor - 1991-92
Dermatology Epitomes Section
Western Journal of Medicine

Association of Academic Dermatologic Surgeons
Schaumburg, Illinois

Member - 1989-91
Residency Training Committee

Member - 1990-91
Fellowship Development Committee

Chairman - 1989-91
Study Group on Dermatologic Surgery Practice Management in Academia

Board of Directors - 1992-present

American Academy of Dermatology
Schaumburg, Illinois

Chairman - 1989-present
Guidelines Task Force: Laser Surgery

Member - 1989-94
Committee on Postgraduate Courses

COMMITTEES (Continued):

Member - 1989-94
Committee on Self-Assessment

Member - 1991-present
Laser Safety Review Team for Annual Meeting

Member - 1994-95
Joint AAD/ASDS Minimum Benefits Task Force

Member - 1995-99
Joint AAD/ASDS Liaison Committee

Skin Cancer Foundation
New York City, New York

Member - 1989-present
Medical Advisory Council

Member - 1991-present
Education Committee

International Society of Cosmetic Laser Surgeons
Hermosa Beach, California

Member - 1991-present
Advisory Board

Pacific Dermatologic Association
Scientific Program Committee Member - 1993-94
Program Chairman-Elect - 1994-95
Program Chairman - 1995-96

University of New Mexico School of Medicine
Albuquerque, New Mexico

Member - 1994-present
Committee of Chairs

Member - 1994-present
University Clinicians Program Committee

Member, Board of Directors - 1994-present
Member, Executive Committee - 1994-present
University Physicians Associates

Member - 1994-present
UNM Hospital Medical Executive Committee

COMMITTEES (Continued):

Chairman - 1994-present
Human Research Review Committee (Institutional Review Board)

JOURNALS:

Reviewer

Journal of the American Academy of Dermatology - 1980-present
Journal of Dermatologic Surgery and Oncology - 1983-present
Archives of Dermatology - 1984-present
Cleveland Clinic Journal of Medicine - 1984-87
Lasers in Surgery and Medicine - 1985-present
IM - Internal Medicine for the Specialist - 1985-present
Mayo Clinic Proceedings - 1991-present
Southern Medical Journal - 1991-present
Pediatric Dermatology - 1992-present
Consultant: Consultations in Primary Care - 1994-present

Editorial Boards

Journal of the American Academy of Dermatology - 1986-88
Patient Care - 1987-present
Journal of Dermatologic Surgery and Oncology - 1985-present
Physician Advisory Board, Laser Nursing - 1988-93
Physician Advisory Board, Minimally Invasive Surgical Nursing - 1993-present
Lasers in Surgery and Medicine - 1989-92
Dermatology Times - 1989-present
Advanced Technology and Surgical Care - 1994-present

Editorships

Feature Editor, Laser Corner - 1985-91
Guest Co-Editor, Special Issues on Lasers in Dermatology - 1987
Contributing Editor - 1985-91
Senior Editor - 1990-present
Journal of Dermatologic Surgery and Oncology

JOURNALS (Continued):

Assistant Editor - 1988-93
Journal of the American Academy of Dermatology

Senior Editor - 1992-95
Associate Editor - 1995-present
Lasers in Surgery and Medicine

CLINICAL RESEARCH:

Resident Director, Study on the Effectiveness of Topical Dexamethasone in Atopic Dermatitis, for Hoechst-Roussel Pharmaceuticals; Department of Dermatology; University of Oklahoma Health Sciences Center; Oklahoma City, Oklahoma - 1975-77

Resident Director, Study on the Use of Intralesional Blenoxane (bleomycin sulfate) for the Treatment of Recalcitrant Plantar Warts, for Bristol Laboratories; Department of Dermatology; University of Oklahoma Health Sciences Center; Oklahoma City, Oklahoma - 1975-77

Director, Study on the Cutaneous Reactions from Systemically Administered Alnovin, for Hoechst-Roussel Pharmaceuticals; Western Montana Clinic; Missoula, Montana - 1979-80

Director, Study on the Effectiveness of Hydrocortisone Valerate Ointment and Betamethasone Valerate Ointment in the Treatment of Atopic Dermatitis, for Westwood Pharmaceutical Company; Department of Dermatology; University of Oklahoma Health Sciences Center, Oklahoma City, Oklahoma - 1981-82. Resulted in Publication of the Article: "Comparative Efficacy of Hydrocortisone Valerate 0.2% Ointment in the Treatment of Atopic Dermatitis," by Sefton J and Kryiakopoulos AA Cutis 32:89-94, 1983.

Director, Study Comparing the Effectiveness of 12% Lactic Acid with Eucerin Cream in Severe Acral Xerosis, for Westwood Pharmaceutical Company; Department of Dermatology; University of Oklahoma Health Sciences Center; Oklahoma City, Oklahoma - 1981-82

Co-Director, Study on The Efficacy of the Low Energy Helium Neon Laser in Wound Healing, for Dynatronics, Inc.; Department of Dermatology, Cleveland Clinic Foundation; Cleveland, Ohio - 1983-84

Investigator, Study on the Effectiveness of 13-cis Retinoic Acid (Accutane) in the Treatment of Psoriasis Vulgaris; Department of Dermatology, Cleveland Clinic Foundation; Cleveland, Ohio - 1984-86

Investigator, Oral Oxsoralen-Ultra Photochemotherapy in the Treatment of Psoriasis; Department of Dermatology, Cleveland Clinic Foundation; Cleveland, Ohio - 1984-86

Investigator, Use of Oral Etretinate in the Treatment of Pustular and Erythrodermic Psoriasis; Department of Dermatology, Cleveland Clinic Foundation; Cleveland, Ohio - 1984-86

Investigator, Evaluation of the Laserscope Omniplus Photosurgical System in Dermatosurgery; Department of Dermatology, Cleveland Clinic Foundation, Cleveland, Ohio - 1984-85. Resulted in publication of the article "Preliminary Investigation of KTP/532 Laser Light in the Treatment of Hemangiomas and Tattoos," by Apfelberg DB, Bailin P, Rosenberg H: Lasers in Surgery and Medicine 6:30-42, 1986.

Investigator, A Comparative Study of Topical SCH 32088 Ointment and Synalar Ointment in the Treatment of Psoriasis Vulgaris; Department of Dermatology, Cleveland Clinic Foundation; Cleveland, Ohio - 1984-86

CLINICAL RESEARCH (continued):

Investigator, Laser Therapy of Cutaneous Angiomas; Department of Dermatology, Cleveland Clinic Foundation; Cleveland, Ohio - 1984-87

Investigator, Evaluation of Mesalt Wound Dressings in the Treatment of Cutaneous Wounds; Department of Dermatology, Cleveland Clinic Foundation; Cleveland, Ohio - 1984-87

Developer, The Acrylic Surgipress Surgical Loop Surgical Instrument to Provide Hemostasis During Minor Cutaneous Surgical Procedures for Syntex Laboratories, Inc.; Palo Alto, California - 1984-86

Investigator, Telfa Versus Vigilon: A Comparison of Wound Healing with Different Dressings in Laser Created Wounds; Department of Dermatology, Cleveland Clinic Foundation; Cleveland, Ohio - 1985-1987

Investigator, Use of the Ruby Laser in the Treatment of Tattoos and Benign Pigmented Cutaneous Lesions; Department of Dermatology, University of California, Davis; Sacramento, California - 1989-92

Investigator, Role of the Infrared Coagulator in the Treatment of Tattoos; Department of Dermatology, University of California, Davis; Sacramento, California - 1990-92

Investigator, The Q-Switched, Frequency-Doubled, Neodymium:Yttrium-Aluminum-Garnet (Nd:YAG) Laser in the Treatment of Benign Pigmented Cutaneous Lesions; Department of Dermatology, University of California, Davis; Sacramento, California - 1991-93

Investigator, Treatment of Kaposi's Sarcoma with the Infrared Coagulator; Department of Dermatology, University of California, Davis; Sacramento, California - 1992-94

LABORATORY RESEARCH:

Primary Investigator on the Cutaneous Changes of DIC (Disseminated Intravascular Coagulation) Occurring with Toxic Shock in the Subhuman (Baboon) Primate Model; Department of Surgery, Veterans Administration Medical Center; Oklahoma City, Oklahoma - 1977-78

Primary Investigator on a Longitudinal Study of Estrogen and Progesterone Cell Receptors in Melanoma and Dysplastic Nevi from Patients with the Dysplastic Nevus ("B-K Mole") Syndrome; Department of Dermatology, University of Oklahoma Health Sciences Center; Oklahoma City, Oklahoma - 1982-83

Co-Director, Study on the Thermal Effects of Carbon Dioxide (CO₂) Laser Vaporization on Wound Healing and Scar Formation; Department of Dermatology, Cleveland Clinic Foundation; Cleveland, Ohio - 1984-85

Investigator, DNA Flow Cytometry and Aneuploidy Analysis of Basal Carcinomas and Their Relationship to Aggressive Behavior; Departments of Dermatology and Pathology, Cleveland Clinic Foundation; Cleveland, Ohio - 1986-87

Investigator, The Effects of Low-Energy Helium-Neon Laser Irradiation on Human Epidermal Keratinocyte Growth, Differentiation and Migration; Department of Dermatology, University of California, Davis; Davis, California - 1987-89

Investigator, The Effects of Topical Agents on Cutaneous Full Thickness Wounds; Department of Dermatology, University of California, Davis; Davis, California - 1988-89

LABORATORY RESEARCH (continued):

Investigator, Presence of Simian Immunodeficiency Virus (SIV) in the Plume Generated by the Carbon Dioxide Laser; Department of Dermatology, University of California, Davis; Davis, California - 1989-92

Investigator, The Effects of the Ultra-Short Pulse (Femtosecond), Gigawatt Titanium:Sapphire (Ti:Al₂O₃) Laser on Cadaveric and Living Skin; Short Pulse Facility, Lawrence Livermore National Laboratories, Livermore, California; and, Department of Dermatology, University of California, Davis; Sacramento, California - 1991-94

TELEVISION PRESENTATIONS:

Interview with Mr. Jerry Adams, KTVY-TV, Channel 9 (CBS) on Use of 13-cis Retinoic Acid for Acne; Oklahoma City, Oklahoma - August 2, 1981

Interview with Ms. Eadie Fawcett, KVOA-TV, Channel 4 (NBC) on Carbon Dioxide Laser Surgery of the Skin; Tucson, Arizona - August 24, 1984

Interview with Ms. Nancy Montoya, KGUN-TV, Channel 9 (ABC) on Cutaneous Carbon Dioxide Laser Surgery; Tucson, Arizona - August 24, 1984

Interview with Ms. Marylou Johanek, WJKW-TV, Channel 8 (CBS), on Sunlight and Skin Cancer; Cleveland, Ohio - March 19, 1985

Interview with Mr. Tom Sweeney, WKYC-TV, Channel 3 (NBC) on the First Annual Melanoma and Skin Cancer Detection Day; Cleveland, Ohio - March 23, 1985

Interview with Ms. Lori Vick, WJKW-TV, Channel 8 (CBS), on Sunscreens, Skin Cancer and Skin Protection; Cleveland, Ohio - May 29, 1985

Interview with Mr. Mark Alexander, WEWS-TV, Channel 5 (ABC), on Second Annual Melanoma and Skin Cancer Detection Day; Cleveland, Ohio - May 17, 1986

Interview with Ms. Rhonda Holman, KTXL-TV, Channel 40 (FOX) on Sunlight-Induced Malignancies of the Skin, Their Diagnosis and Treatment; Sacramento, California - August 3, 1987

Interview with Ms. Gail Westrup, KXTV-TV, Channel 10 (CBS), for Health Matters, on Skin Care and Skin Cancer; Sacramento, California - February 6, 1988

Interview with Mr. Al Lundein, KTXL-TV, Channel 40 (FOX), on Sunlight and Skin Cancer; Sacramento, California - June 21, 1988

Interview with Ms. Gail Westrup, KXTV-TV, Channel 10 (CBS), for *Pulse*, on Cause and Treatment of Aging Skin; Sacramento, California - April 30, 1989

Interview with Ms. Gail Westrup, KXTV-TV, Channel 10 (CBS), for *Pulse* on Allergic Skin Disorders; Sacramento, California - May 14, 1989

Interview with Ms. Gail Westrup, KXTV-TV, Channel 10 (CBS) for *Pulse*, on Moles and Skin Cancer; Sacramento, California - May 21, 1989

Interview with Ms. Gail Westrup, KXTV-TV, Channel 10 (CBS), for *Pulse*, on Common Sense About Acne; Sacramento, California - June 17, 1989

TELEVISION PRESENTATIONS (continued):

Interview with Ms. Gail Westrup, KXTV-TV, Channel 10 (CBS) for *Pulse*, on Treatment Options for the Removal of Tattoos; Sacramento, California - July 22, 1989

Interview with Ms. Gail Westrup, KXTV-TV, Channel 10 (CBS), for *Pulse*, on Acne: Causes and Treatment; Sacramento, California - August 26, 1989

Interview with Ms. Gail Westrup, KXTV-TV, Channel 10 (CBS), for *Pulse*, on Tattoo Removal; Sacramento, California - November 26, 1989

Interview with Mr. Gary Dunkin, KXTV-TV, Channel 10 (CBS), for *Pulse*, on Use of Dye Lasers for Vascular Birthmarks; Sacramento, California - April 29 and August 19, 1990

Interview with Mr. Gary Dunkin, KXTV-TV, Channel 10 (CBS), for *Pulse*, on Hair Replacement Surgery; Sacramento, California - May 13, 1990

Interview with Mr. Rich Ibarra, KCRA-TV, Channel 3 (NBC), on Skin Cancer and the Sun; Sacramento, California - June 6, 1992

Interview with Ms. Alicia Malaby, KCRA-TV, Channel 3 (NBC), on Removal of Tattoos with the Nd:YAG Laser without Scarring; Sacramento, California - June 10, 1993

Interview with Ms. Nina Anastos, WTZA-TV, Channel 12 (CNN), on Use of the Copper Bromide Laser; Poughkeepsie, New York - April 11, 1994

Interview with Ms. Gail Westrup, KXTV-TV, Channel 10 (CBS), for *Pulse*, on Treatment of Tattoos; Sacramento, California - May 15, 1994

Interview with Ms. Stephanie Locher, KXTV-TV, Channel 10 (CBS), for *Pulse*, on Removal of Tattoos With the Nd:YAG Laser; Sacramento, California - August 14, 1994

RADIO PRESENTATIONS:

Interview with Mr. Ken Robinson, WGAR 1220 AM on Incidence, Diagnosis, Treatment and Prevention of Hot Tub Folliculitis; Cleveland, Ohio - February 6, 1984

Interview with Mr. Leonard Will, WCPN 90.3 FM, on Dangers of Skin Cancer from Sunlight Exposure; Cleveland, Ohio - March 21, 1985

Interview with Ms. Sharon Taylor, WGCL 98.5, on Sunlight and Skin Cancer; Cleveland, Ohio - March 27, 1985

Interview with Ms. Holly Strawbridge, WJW 850 AM, on Management of Brittle Fingernails; Cleveland, Ohio - May 13, 1985

Interview with Ms. Holly Strawbridge, WJW 850 AM, on the Sun and Skin Cancer; Cleveland, Ohio - May 22, 1985

Interview with Ms. Lisa Meyer, WWWE, 1100 AM, on Sunscreens and Prevention of Skin Cancer; Cleveland, Ohio - May 14, 1986

RADIO PRESENTATIONS (continued):

Interview with Mr. George Yarborough, WERE 1399 AM, on The Warning Signs of Skin Cancer and Their Prevention; Cleveland, Ohio - May 25, 1986

Interview with Ms. Nancy Firor, WWWE, 110 AM on Sunscreen Usage During Winter Vacations; Cleveland, Ohio - September 19, 1986

Interviews with Mr. Gilbert F. Martin, KFBK 1530 AM KRAK 1140 AM, KRAK 105.1 FM and KAER 92.5 FM on Use of Lasers in Dermatology; San Antonio, Texas - December 7, 1987

Interview with Ms. Kathy Menzer, KRAK 1140 AM, on Vitamin A Cream for Wrinkles; Sacramento, California - January 22, 1988

Interview with Mr. Bob Hill News/Radio News Network, on Lasers for Skin Disease; Fort Lauderdale, Florida - March 7, 1989

Interview with Mr. Bruce Dixon, American Medical Radio News, on Dye Lasers for Portwine Stains; Chicago, Illinois - April 10, 1989

Interview with Dr. William Schelling, American Medical Radio News, on Low Energy Lasers and Wound Healing; San Francisco, California - December 6, 1989

Interview with Ms. Trudy Zee, KROY 97 FM, on Cosmetic Surgery and Liposuction; Sacramento, California - April 12, 1990

Interview with Ms. Rachel Wilde, KWOD 106 FM, on Pitfalls in Cosmetic Surgery for "Interfact"; Sacramento, California - April 15, 1990

Interview with Ms. Jennifer Contreras, KFBK 1530 AM, on Tattoo Removal Using the Ruby Laser; Sacramento, California - April 24, 1989

Interview with Mr. Paul Bryan, KNCQ 97.3 FM, on Sunlight Protection and the Hazards of Skin Cancer; Redding, California - June 17, 1993

VIDEOTAPE AND AUDIOTAPE:

Co-Presenter, Volumes I and II, The International Society for Dermatologic Surgery Videotape Series; Uses of the Argon and Carbon Dioxide Lasers in Cutaneous Disorders; Cleveland, Ohio - June 16, 1984

Interview with W. David Jacoby, Jr., M.D. for *Dialogues in Dermatology* on Newer Uses for the Carbon Dioxide (CO₂) Laser in Dermatologic Surgery; Washington, D.C. - December 2, 1984

Co-Presenter, *The Video Journal of Dermatology*, Volume I, Number 2; Carbon Dioxide (CO₂) Laser Surgery in the Treatment of Keloids; Cleveland, Ohio - February 28, 1986

Interview with Richard K. Scher, M.D. for *Dialogues in Dermatology* on What's New in Dermatologic Surgery? San Francisco, California - Vol. 31, #6, March, 1993

NEWSPAPERS AND MAGAZINES:

Interview with Mr. Rory O'Connor on "Tribulations of the Idle: Tub Rot (Hot Tub Folliculitis)," *Cleveland Magazine* 13: 145-146; Cleveland, Ohio - April 7, 1984

Interview with Ms. Cindy Hubert on Uses of the Carbon Dioxide Laser, for the *Arizona Daily Star*, Vol. 143, #239, Page B-1; Tucson, Arizona - August 25, 1984

Interview with Ms. Rose Simmons on Lasers in Skin Disease, for *The Orlando Sentinel*, Vol. 109, Page D-3; Orlando, Florida - April 19, 1985

Interview with Ms. Holly Strawbridge on Causes and Treatment of Brittle Nails, for *The Plain Dealer*, Vol. 264, page 40-P; Cleveland, Ohio - November 17, 1985

Interview with Mr. Rich Exner (UPI) on the Dangers of Sunlight Exposure, for Ravenna, Ohio, *Record Courier*; Norwalk, Ohio, *Norwalk Reflector*; Ft. Wayne Indiana, *The News-Sentinel*; Wheeling West Virginia, *Intelligencer* - May 20, 22, 28 & 31, 1986

Interview with Ms. Jackie White on Prevention of Aging by Use of Topical Agents, for *Kansas City Star*; Kansas City, Missouri - June 6, 1986

Interview with Ms. Holly Strawbridge on Causes and Treatment of Acne Rosacea, for *The Plain Dealer*, Vol 265, Page 14-F; Cleveland, Ohio - September 28, 1986

Interview with Mr. Robert W. Gahagan on Synthetic Surgical Dressings and Wound Healing, for *Dermatology Perspectives*, Vol 2, No. 5, Pages 2-3; New York, New York - September/October, 1986

Interview with Ms. Danielle Starkey on Vitamin A Cream For Wrinkles, for *The Sacramento Union*, Vol. 173, Page A-2; Sacramento, California - January 22, 1988

Interview with Ms. Kathy Cassinos on "The ABC's of Retin-A," for *The Sacramento Bee Magazine*, Vol. 263, Page 18; Sacramento, California - April 17, 1988

Interview with Mr. John Dunbar on "Use and Abuse of Hair Care Products," for *The Tahoe Tribune*; South Lake Tahoe, California - July 7, 1988

Interview with Ms. Michelle McCormick on "Complications and Treatment of Decorative Tattoos," for *The Sacramento Bee Magazine*, Vol. 264, Pages 8-13; Sacramento, California - August 21, 1988

Interview with Ms. Lynda Wright on "Benefits from Medical Research Using Animals," for *Newsweek*, Vol. 112, Pages 50-59; December 26, 1988

Interview with Ms. Colete Bouchez on "Controversies in Yellow Light Laser Therapy for Portwine Stains," for *New York Daily News*, page 24; New York, New York - February 12, 1990

Interview with Ms. Tracy White on "The Ruby Laser for Treatment of Tattoos," for *The Santa Cruz Sentinel*; Santa Cruz, California - March 1, 1990

Interview with Ms. Mary Enges-Maas on "Low Energy Lasers in the Treatment of Cellulite," for *Times Advocate*; Escondido, California - March 20, 1990

Interview with Mr. Robert P. Studer on "Competence in Cosmetic Surgery," for *Copley News Service*; Sacramento, California - April 12, 1990

NEWSPAPERS AND MAGAZINES (continued):

Interview with Mr. Mike Dunn on "Hazards of Sunlight to Children and Teenagers" for features "Informed Source" and "Side Tracks," for *Sacramento Bee*; Sacramento, California - April 25, 1990

Interview with Mr. Michael Raffety on "Fading Tattoos with the Ruby Laser", for *Mountain Democrat*; Placerville, California - July 9, 1990

Interview with Ms. Karen Coe on "Laser Usage by Medical and Surgical Specialties," for *Sacramento Magazine*; Sacramento, California - October 26, 1990

Interview with Ms. Kim Kodi on "Tattoos--Campus Skin Sketches," for *The California Aggie*, Pages 1-2; Davis, California - November 7, 1990

Interview with Ms. Sharon Schneider on "New Technology for Erasing Birthmarks," for *Parents Monthly*, Vol. 7, Page 18; Sacramento, California - December 19, 1990

Interview with Ms. Gwen Salley-Schoen on "The Dark Side of Tanning," for *The Sacramento Bee*, Vol. 269, Pages F1-F3; Sacramento, California - April 17, 1991

Interview with Mr. Charles L. Martin, Jr. on "Low Energy Lasers for the Treatment of Vitiligo," for *The Medical Tribune*, Vol. 32, Page 12; New York, New York - June 27, 1991

Interview with Ms. Laura McCarty on "Laser Treatment of Spider Veins and Facial Telangiectasia," for *Vogue Magazine*; New York, New York - July 11, 1991

Interview with Ms. Cheryl Clark on "Beneficial Uses of Lasers in the Treatment of Skin Disease," for *The San Diego Union*; San Diego, California - October 18, 1991

Interview with Ms. Suzanne Gleckman on "Factors that Cause Facial Blood Vessels to Develop and How to Remove Them," for *Vogue Magazine*, Page 182; New York, New York - December, 1991

Interview with Ms. Marcia Barinaga on "The Differences Between Freckles, Moles, and Aging Spots (Lentigines)," for *San Jose Mercury News*, Page D-7; San Jose, California - January 14, 1992

Interview with Ms. Paula Rodriguez on "The Most Recent Developments in Laser Surgery," for Wordwise, Inc. with publications in: *The New York Medical Tribune*, *Gastroenterology News*, *The Canadian Medical Post*, *Oncology News*, and *General Surgery News*; New Orleans, Louisiana - April 20, 1993

Interview with Mr. Dennis Kipp on "New Laser Treatments for the Skin," for *The Poughkeepsie Journal*; Poughkeepsie, New York - April 11, 1994

Interview with Ms. Patricia Patterson on "Current Operating Room Usage of Lasers," for *OR Manager*, Vol. 10, No. 7, Pages 20-21; Denver, Colorado - July, 1994

Interview with Ms. Laura McCarthy on "Lasers in Cosmetic Surgery," for *Cosmopolitan*; New York, New York - September, 1994

Interview with Ms. Patricia Frank on "Use of the Infrared Coagulator for the Treatment of Tattoos," for *Altoona Daily Mirror*; Altoona, Pennsylvania - October 26, 1994

PROFESSIONAL PRESENTATIONS:

1. Course Director, American Medical Association, Central States Regional Program on Office Dermatology; Oklahoma City, Oklahoma - January 28-29, 1978
2. Course Director, American Medical Association, Rocky Mountain States Regional Program on Office Dermatology; Glacier National Park, Montana - September 1-3, 1978
3. Co-Director, Course on Dermatologic Pharmaceuticals: Update for Pharmacists; University of Montana, School of Pharmacy and Allied Health Sciences; Missoula, Montana - November 19, 1978
4. Speaker, Seminar on Recent Advances in Medical Care: Pigmented Tumors of the Skin; Western Montana Medical Education Foundation; Missoula, Montana - December 2, 1978
5. Director, MKSAP Review Course on Dermatologic Disorders for Department of Internal Medicine, St. Patrick's Hospital and Western Montana Clinic; Missoula, Montana - March 1, 1979
6. Co-Director, Continuing Medical Education Seminar on Office Dermatology for the Practitioner. Topics presented on: Papulosquamous Disorders; Topical and Systemic Steroid Therapy; Infectious Diseases of the Skin. Western Montana Clinic; Missoula, Montana - March 17, 1979
7. Co-Director, Course on Dermatology Update for the Family Practitioner. Topics presented on: Topical and Systemic Antifungal Therapy; Cutaneous Manifestations of Systemic Disease; Use and Abuse of Topical Steroids; Laboratory Aids in the Diagnosis and Treatment of Cutaneous Diseases. Annual Meeting of the Oklahoma Academy of Family Practice; Oklahoma City, Oklahoma - April 2-3, 1981
8. Visiting Professor, Wright State University, Department of Dermatology, College of Medicine. Speaker on Clinical Diagnosis of Cutaneous Diseases and Histopathology of Benign and Malignant Tumors of Hair Follicle Origin; Dayton, Ohio - April 30-May 2, 1981
9. Speaker, The Comparative Effectiveness of 12% Lactic Acid (Lac-Hydrin) and Standard Emollients in the Treatment of Ichthyosis; Buffalo, New York - November 17-18, 1981
10. Speaker, Symposium on the Clinical Diagnosis and Treatment of Common Cutaneous Disorders; Buffalo, New York - February 22-23, 1981
11. Lecturer, University of Oklahoma College of Medicine. Cutaneous Inflammatory Reactions for Second-year Medical Students; Oklahoma City, Oklahoma - March 15, 1982
12. Lecturer, University of Oklahoma College of Dentistry. Skin Lesions of the Head and Neck, for Second-year Dental Students; Oklahoma City, Oklahoma - April 12, 1982
13. Lecturer, University of Oklahoma Health Sciences Center, Grand Rounds, Department of Pediatrics. Pigmented Skin Lesions of Children; Oklahoma City, Oklahoma - August 19, 1982
14. Lecturer, Accutane—Clinical Indications and Complications. University of Oklahoma Health Sciences Center; Oklahoma City, Oklahoma - August 26, 1982
15. Lecturer, University of Oklahoma College of Medicine. Introduction to Clinical Medicine for Second-year Medical Students; Oklahoma City, Oklahoma - September 21, 1982
16. Speaker, Oklahoma City Dermatologic Society. Lecture on Cutaneous Applications of the Argon and Carbon Dioxide Lasers; Oklahoma City, Oklahoma - November 11, 1982
17. Speaker, Annual Meeting of the American Academy of Dermatology; Forum on Skin Grafts; New Orleans, Louisiana - December 8, 1982

PROFESSIONAL PRESENTATIONS (continued):

18. Lecturer, University of Oklahoma College of Dentistry. Cutaneous Lesions of the Head and Neck, for Second-year Dental Students; Oklahoma City, Oklahoma - April 18, 1983
19. Lecturer, University of Oklahoma Health Sciences Center, Grand Rounds, Department of Pediatrics. Use and Abuse of Topical and Systemic Steroids in the Treatment of Cutaneous Disease; Oklahoma City, Oklahoma - May 2, 1983
20. Speaker, Annual Meeting of the American Academy of Dermatology; Forum on Skin Grafts; Chicago, Illinois - December 5, 1983
21. Visiting Professor, Texas Tech University Health Sciences Center. Topic presented on: Basic Laser Physics and Dermatologic Uses of the Argon and Carbon Dioxide Lasers; Lubbock, Texas - January 29-31, 1984
22. Presenter, Cleveland Dermatologic Society, Quarterly Meeting; An Unusual Case of Basal Cell Nevus Syndrome Treated with the Carbon Dioxide Laser; Treatment of Port-Wine Stains with the Argon Laser; Cleveland, Ohio - April 19, 1984
23. Speaker, Course on Introduction to Dermatology. Topics presented on: Principles of Wound Healing and Cosmetic Surgery, Combined Dermatology Residencies of Cleveland (Case Western Reserve University, Metropolitan General Hospital and Cleveland Clinic Foundation); Cleveland, Ohio - July 16, 1984
24. Speaker, Quarterly Meeting of the Tucson Dermatologic Society. Topics Presented On: Lasers in Dermatology, Physics and Clinical Applications; Tucson, Arizona - August 18, 1984
25. Director, Carbon Dioxide Laser Cutaneous Surgery Course. St. Joseph's Hospital; Tucson, Arizona - August 20-24, 1984
26. Speaker, Incisional Carbon Dioxide Laser Surgery. Operative Cutaneous Laser Surgical Workshops; Cleveland, Ohio - September 7-13, 1984
27. Speaker, Hair Replacement Surgery in Facial Esthetics; Cleveland Clinic Education Foundation; Cleveland, Ohio - October 3, 1984
28. Co-Director, MKSAP Review Course, Section on Dermatology. Cleveland Clinic Foundation; Cleveland, Ohio - October 18, 1984
29. Speaker, Laser Training in the Dermatology Residency Program. Annual Meeting of the Association of Professors of Dermatology; Chicago, Illinois - October 27, 1984
30. Speaker, Stimulation of Granulation Tissue over Exposed Cranial Bone by Use of Carbon Dioxide Laser Perforation. Annual Meeting of the American College of Chemosurgery; Washington, D.C. - November 30, 1984
31. Instructor, Basic Cutaneous Surgery Course Laboratory. Annual Meeting of the American Academy of Dermatology; Washington, D.C. - December 2, 1984
32. Instructor, Advanced Cutaneous Surgery Course Laboratory. Annual Meeting of the American Academy of Dermatology; Washington, D.C. - December 4, 1984
33. Speaker, Forum on Skin Grafting. Annual Meeting of the American Academy of Dermatology; Washington, D.C. - December 5, 1984
34. Speaker, Laser Focus on Laser Techniques in Ambulatory Surgery. Clinical Applications of the Argon and Carbon Dioxide Lasers in Cutaneous Surgery; Pittsburgh, Pennsylvania - December 8, 1984

PROFESSIONAL PRESENTATIONS (continued):

35. Speaker, Second Annual Mohs Surgery Conference. Topics Presented On: New Indications for Mohs Surgery; Alternative Methods of Treatment; and Surgical Repairs Using Primary Closure, Flaps and Grafts; Key Biscayne, Florida - January 11-13, 1985
36. Visiting Professor, University of Arkansas School of Medicine, Department of Dermatology. Speaker and Course Director on Dermatologic Applications of the Carbon Dioxide Laser; Little Rock, Arkansas - January 25-26, 1985
37. Speaker, Cutaneous Lesions of the Lower Extremity. Department of Peripheral Vascular Disease, Cleveland Clinic Foundation; Cleveland, Ohio - February 6, 1985
38. Speaker, Hair Transplantation and Scalp Reduction Techniques in Hair Replacement Surgery. Department of Plastic Surgery; Cleveland, Ohio - February 20, 1985
39. Speaker, Basic Training in Laser Science and Surgery. Topics Presented On: Cutaneous Applications of Argon and Carbon Dioxide Lasers and Hands-on Laboratory with Omnipulse Frequency-Doubled YAG-KTP 532 Laser; Santa Clara, California - March 8-10, 1985
40. Speaker, Diagnosis and Treatment of Skin Cancer. Twenty-Eighth Annual Medical Progress for the Primary Care Physician Meeting; Cleveland, Ohio - March 21, 1985
41. Speaker, Champlain Valley Dermatologic Society. Topics Presented On: Basic Laser Science and Clinical Applications of Lasers in Dermatology; Burlington, Vermont - April 4, 1985
42. Visiting Professor, University of Vermont Health Sciences Center, Department of Dermatology. Speaker, Medical Grand Rounds on Lasers in Dermatology; Burlington, Vermont - April 5, 1985
43. Speaker, Laser Vaporization and Curettage in the Treatment of Large or Multiple Superficial Basal Cell Carcinomas; Annual Meeting of the American Society for Dermatologic Surgery; Orlando, Florida - April 18, 1985
44. Co-Director and Speaker, Course on Uses of the Laser in Dermatologic Surgery; Annual Meeting of the American Society for Dermatologic Surgery; Orlando, Florida - April 18-19, 1985
45. Presenter, Quarterly Meeting of the Cleveland Dermatologic Society. Patients presented with Carbon Dioxide Laser-Treated Rhinophyma, Carbon Dioxide Laser-Treated Adenoma Sebaceum, and Argon Laser Treatment of Glomangioma (Familial Type); Cleveland, Ohio - April 25, 1985
46. Speaker, Hair Replacement Surgery in the Treatment of Androgenetic Alopecia. Grand Rounds for the Combined Dermatology Residency Programs of Cleveland (Case Western Reserve University, Metropolitan General Hospital and Cleveland Clinic Foundation); Cleveland, Ohio - May 2, 1985
47. Speaker, Pinch Grafts, Quick and Easy Surgery for Leg Ulcers. Surgical Pearls for the Office Dermatologist Course; Cleveland, Ohio - May 10, 1985
48. Presenter, Annual Meeting of the Central States Dermatologic Society. Patient Presented with Carbon Dioxide Laser Treatment of Resistant Granuloma Faciale; Cleveland, Ohio - May 12, 1985
49. Speaker, Public Health Service Hospital, Continuing Medical Education Seminar on Office Dermatology for the Non-Dermatologist; Topics Presented On: Cutaneous Signs of Internal Disease; Steroids and Steroid Responsive Disorders; Infectious Diseases of the Skin; Benign and Malignant Skin Tumors; Bethel, Alaska - May 17-22, 1985
50. Speaker, Native Medical Health Center. Continuing Medical Education Grand Rounds on Cutaneous Signs of Systemic Disease; Anchorage, Alaska - May 23, 1985
51. Co-Director and Speaker, Second Operative Cutaneous Laser Surgery Workshops. Topic Presented On: Incisional Carbon Dioxide Laser Surgery; Cleveland, Ohio - June 7-11, 1985

PROFESSIONAL PRESENTATIONS (continued):

52. Speaker, Diagnosis and Treatment of Cutaneous Malignancies. Grand Rounds for Medical Oncology Nurse Association, Cleveland Clinic Foundation; Cleveland, Ohio - June 25, 1985

53. Speaker, Lasers in Cutaneous Medicine. American Association of Medical Transcriptionists, Western Reserve Chapter; Cleveland, Ohio - June 25, 1985

54. Co-Director and Speaker, Annual Introductory Course for the Combined Dermatology Residency Programs of Cleveland (Case Western Reserve University, Metropolitan General Hospital, and Cleveland Clinic Foundation); Topics Presented On: Wound Healing and Dressings; Planning Excisions and Beginning Surgical Anatomy; Cleveland, Ohio - July 10, 1985

55. Guest Speaker, University of Arizona Health Sciences Center, Section of Dermatology, Department of Medicine. Dermatology Grand Rounds on Use of the Argon, Carbon Dioxide and Dye Lasers in Dermatology; Tucson, Arizona - July 24, 1985

56. Speaker, Lasers in Dermatology. Continuing Medical Education Program, Internship and Residency Program; Tucson General Hospital; Tucson, Arizona - July 25, 1985

57. Speaker, Healing of Cutaneous Wounds. Department of Dermatology; Cleveland Clinic Foundation; Cleveland, Ohio - August 26, 1985

58. Speaker, Basic Training in Laser Science and Surgery. Topics Presented On: The Cutaneous Applications of Argon and Carbon Dioxide Lasers with Hands-On Laboratory Using the Omnipulse Frequency-Doubled YAG-KTP 532 Laser; Santa Clara, California - September 6-7, 1985

59. Speaker, Lasers in Dermatology. Riverside Hospital, Course on the Use of Lasers in Surgery; Toledo, Ohio - September 27, 1985

60. Speaker, Schering Workshop Soft Tissue Surgery. Topics Presented On: Laser Surgery; Wound Healing and Dressings; An Introduction to Skin Grafts; and Equipping the Outpatient Dermatologic Operating Room; University of Michigan, Department of Dermatology; Ann Arbor, Michigan - September 28-29, 1985

61. Speaker, Annual Meeting of the Pacific Dermatologic Association. Topic Presented On: Use of Topical Nitroglycerin Ointment in the Treatment of Ischemic Digital Ulcers; Monterey, California - October 1, 1985

62. Speaker, Annual Meeting, International Society for Dermatologic Surgery. Topic Presented On: CO₂ Laser Treatment of Rhinophyma; Rome, Italy - October 9, 1985

63. Co-Director and Speaker, Third Operative Cutaneous Laser Surgery Workshops. Topic Presented On: Incisional CO₂ Laser Surgery; Cleveland, Ohio - November 1-3, 1985

64. Co-Director, Mucocutaneous Laser Workshop for Grant Laser Center and Hospital. Topics Presented On: The Carbon Dioxide Laser in Mucocutaneous Surgery and Hands-on Laboratory with the Argon Laser; Columbus, Ohio - November 13, 1985

65. Speaker, Permanent Eyeliner Pigmentation Workshop. Topic Presented On: Complications and Removal of Tattoos; Cleveland Clinic Foundation; Cleveland, Ohio - December 6, 1985

66. Speaker, Course on Lasers in Dermatology, Annual Meeting of the American Academy of Dermatology. Topic Presented On: The Basics of Laser Medicine and Surgery; Las Vegas, Nevada - December 7, 1985

67. Speaker, Course on Basic Cutaneous Surgery, Annual Meeting of the American Academy of Dermatology. Topic Presented On: Skin Biopsy Techniques; Las Vegas, Nevada - December 8, 1985

PROFESSIONAL PRESENTATIONS (continued):

68. Instructor, Basic Cutaneous Surgery Laboratory, Annual Meeting of the American Academy of Dermatology; Las Vegas, Nevada - December 8, 1985
69. Speaker, Course on Advanced Cutaneous Surgery, Annual Meeting of the American Academy of Dermatology; Las Vegas, Nevada - December 8, 1985
70. Instructor, Advanced Cutaneous Surgery Laboratory, Annual Meeting of the American Academy of Dermatology; Las Vegas, Nevada - December 10, 1985
71. Speaker, Forum on Skin Grafting, Annual Meeting of the American Academy of Dermatology; Las Vegas, Nevada - December 11, 1985
72. Speaker, Third Annual Mohs Surgery Conference. Topics Presented On: Use of the Retinoids in the Management of Cutaneous Malignancies and Difficult Cases Presentation: Basal Cell Carcinoma with Sebaceous Differentiation, and, North American Blastomycosis Masquerading as Aggressive Keratoacanthoma; Tucson, Arizona - February 6-9, 1986
73. Speaker, Tenth Annual Hawaii Dermatology Seminar. Topics Presented On: Surgical Gems on Eye Shields for Periorbital Surgery, Saline-Assisted Removal of Lipomas; Skin Grafts; and Clinicopathologic Case of Massive Trichoepitheliomas; Maui, Hawaii - February 14-19, 1986
74. Director, Carbon Dioxide Laser in Dermatology and Plastic Surgery Seminar; New York, New York - March 8, 1986
75. Co-Director and Speaker, Carbon Dioxide Laser in Podiatric Medicine Seminar. Topics Presented On: Basic Laser Physics and Laser Safety; New York, New York - March 9, 1986
76. Director, Carbon Dioxide Laser in Dermatology and Plastic Surgery Seminar; Atlanta, Georgia - March 22, 1986
77. Co-Director, Breakfast Session on Carbon Dioxide and Argon Laser Surgery. Topics Presented On: Carbon Dioxide Laser Excisional Surgery and Argon Laser Phototherapy. Annual Meeting of the American Society for Dermatologic Surgery; Rancho Mirage, California - April 3, 1986
78. Speaker, Treatment of Nasal Lesions with the Carbon Dioxide Laser. Annual Meeting of the American Society for Dermatologic Surgery; Rancho Mirage, California - April 5, 1986
79. Co-Director and Speaker, Carbon Dioxide Laser in Podiatric Medicine Seminar. Topics Presented on: Basic Laser Physics and Laser Safety; San Francisco, California - April 12, 1986
80. Director, Carbon Dioxide Laser in Dermatology and Plastic Surgery Seminar; San Francisco, California - April 13, 1986
81. Speaker, Lasers in Dermatology, for Fifth Annual Seminar on Laser Medicine and Surgery for Physicians, Grant Laser Center and Laser Medical Research Foundation; Columbus, Ohio - April 18-19, 1986
82. Director, Quarterly Meeting of the Cleveland Dermatologic Society; Cleveland, Ohio - April 24, 1986
83. Co-Director and Speaker, Fourth Cutaneous Laser Surgery Workshops; Topics Presented On: Basic Laser Physics, Laser Safety and Carbon Dioxide Laser Excisional Surgery; Westlake, Ohio - April 25-27, 1986
84. Visiting Professor, University of Michigan Medical Center Department of Dermatology. Dermatology Grand Rounds on Lasers in Cutaneous Disorders; Ann Arbor, Michigan - May 6-8, 1986

PROFESSIONAL PRESENTATIONS (continued):

85. Speaker, the Westwood Conference on Clinical Dermatology. Topics Presented On: Surgical Pearls and Newer Surgical Dressings; Williamsburg, Virginia - June 11-15, 1986
86. Guest Speaker, University of California at San Diego, Department of Dermatology, Grand Rounds on Lasers in Cutaneous Disorders and Tissue Expansion; San Diego, California - July 14, 1986
87. Visiting Professor, University of Miami, Department of Dermatology and Cutaneous Surgery, Grand Rounds on Cutaneous Applications of the Argon and Carbon Dioxide Lasers; Miami, Florida - July 23, 1986
88. Co-Director, the Carbon Dioxide Laser in Podiatric Medicine Seminar; Denver, Colorado - September 7, 1986
89. Director, the Carbon Dioxide Laser in Dermatologic and Plastic Surgery; Denver, Colorado - September 7, 1986
90. Guest Speaker, University of Minnesota, Department of Dermatology, Grand Rounds on Dermatologic Uses of the Argon and Carbon Dioxide Lasers; Minneapolis, Minnesota - September 10, 1986
91. Speaker, Annual Meeting, International Society for Dermatologic Surgery. Topics presented on: Carbon Dioxide Laser-Abrasion and Modified Mohs Histiographic Surgery Using the Carbon Dioxide Laser; London, England - September 24, 1986
92. Speaker, Carbon Dioxide Laser Surgery Seminar for General Surgeons. Topics presented on: Laser Physics and Safety, and the Carbon Dioxide Laser in Cutaneous Surgery; Dallas, Texas - October 5, 1986
93. Speaker, Laser Surgery for Dermatologists and Plastic Surgeons. Topics presented on: Laser Physics and Safety and Cutaneous Application of the Carbon Dioxide Laser; Minneapolis, Minnesota - November 7-8, 1986
94. Speaker, The Carbon Dioxide Laser in General Surgery. Topics presented on: Basic Laser Physics, Laser Safety, and Skin Diseases Treated with the Carbon Dioxide Laser; Arlington, Virginia - November 15, 1986
95. Course Director and Speaker, The Carbon Dioxide Laser in Dermatologic and Plastic Surgery. Topics presented on: Laser Safety and Biophysics, Vaporizational and Excisional Surgery with the Laser, and Hands-On Laboratory; Arlington, Virginia - November 16, 1986
96. Speaker, Lasers in Dermatology. Topic presented on: An Introduction to Lasers and Basic Laser Physics. Annual Meeting of the American Academy of Dermatology; New Orleans, Louisiana - December 6, 1986
97. Speaker, Basic Surgery Course. Topic presented on: Biopsy Techniques. Annual Meeting of the American Academy of Dermatology; New Orleans, Louisiana - December 7, 1986
98. Instructor, Basic Cutaneous Surgery Laboratory. Annual Meeting of the American Academy of Dermatology; New Orleans, Louisiana - December 7, 1986
99. Speaker, Use of Tissue Expansion in the Surgical Excision of Medium-Sized Congenital Nevi. Annual Meeting of the Association of Surgical Faculty; New Orleans, Louisiana - December 7, 1986
100. Speaker, Pinch Grafting for the Treatment of Cutaneous Ulcers; Forum on Skin Grafting. Annual Meeting of the American Academy of Dermatology; New Orleans, Louisiana - December 9, 1986
101. Course Director and Speaker, Forum on Basic Surgery. Topics presented on: Wound Healing and the Newer Surgical Dressings. Annual Meeting of the American Academy of Dermatology; New Orleans, Louisiana - December 9, 1986

PROFESSIONAL PRESENTATIONS (continued):

102. Course Co-Director and Speaker, An Introduction to Laser Surgery and Medicine. Topics presented on: Applications of Lasers in Dermatology with Carbon Dioxide and Nd:YAG Laser, for St. Francis Medical Center; Pittsburgh, Pennsylvania - January 9-11, 1987
103. Visiting Professor, University of Missouri, Department of Dermatology. Speaker, Grand Rounds on Current Use of Lasers in Cutaneous Medicine and Surgery; Surgical Techniques in Dermatologic Surgery; and Pig Foot Surgical Laboratory; Columbia, Missouri - March 11-13, 1987
104. Speaker, Duke University Medical Center, Workshop on Cutaneous Surgery for the Dermatologist. Topics Presented On: Use of Skin Grafts in Dermatologic Surgery; Nail Surgery; and Pig's Foot Laboratory; Durham, North Carolina - April 3-5, 1987
105. Speaker, No Nonsense Medical Seminar. Topic Presented On: Carbon Dioxide Laser Applications in Dermatology; and Hands-on Laser Laboratory; Westlake, Ohio - April 25, 1987
106. Speaker, Annual Meeting of the American Society for Dermatologic Surgery. Topic Presented On Use of the Newer Surgical Dressings in Cutaneous Surgery; Castle Harbor, Bermuda - May 3, 1987
107. Guest Speaker, Sacramento Valley Dermatologic Society and Department of Dermatology, University of California, Davis. Topic Presented On Use of Lasers in Dermatologic Disorders; Sacramento, California - May 11, 1987
108. Speaker, St. Charles Hospital Laser Symposium. Topics Presented On: Laser Physics and Safety; Cutaneous Applications of the Argon and Carbon Dioxide Lasers; and Hands-on Laser Laboratories; Toledo, Ohio - May 15-17, 1987
109. Speaker, Westwood Clinical Conference. Topics Presented On: Wound Healing and the New Surgical Dressings; and Recent Advances in Laser Surgery of the Skin; Charleston, South Carolina - May 30-June 3, 1987
110. Speaker, Education Department of the American Cancer Society for Proctor and Gamble Corporation. Topic Presented on Skin Cancer and the Hazards of Ultraviolet Light; Sacramento, California - July 14, 1987
111. Speaker, Department of Geriatrics, University of California, Davis; Grand Rounds on the Effects of Ultraviolet Light on the Aging Skin; Sacramento, California - July 29, 1987
112. Speaker, Department of Otolaryngology, University of California, Davis; Grand Rounds on Cutaneous Lesions of the Head and Neck; Sacramento, California - August 7, 1987
113. Speaker, Education Department, American Cancer Society for Pacific Bell; Topic Presented on the Hazards of Ultraviolet Light and Skin Cancer; Sacramento, California - August 14, 1987
114. Speaker, Department of Family Practice, University of California, Davis; Grand Rounds on Aging and Effects of Ultraviolet Light on the Skin; Sacramento, California - September 17, 1987
115. Speaker, Annual Meeting, Electrologists Association of California, Inc.; Topics Presented On: The Recognition of Skin Cancer, and Common Cosmetic Problems; Sacramento, California - September 19, 1987
116. Co-Director and Speaker, Roseville Community Hospital Program on Lasers in Medicine and Surgery. Topics Presented On: Laser Physics, Tissue Effects and Safety, and Cutaneous Applications of the Argon and Carbon Dioxide Lasers; Roseville, California - October 8, 1987
117. Speaker, Seminar on Surgical Use of the Carbon Dioxide Laser for the Veterans Administration Southwest Regional Medical Education Center and the Department of Surgery, University of California, Irvine. Topics Presented On: The Carbon Dioxide Laser in Dermatology, and Hands-on Laser Laboratory; Long Beach, California - October 30-31, 1987

PROFESSIONAL PRESENTATIONS (continued):

118. Speaker, Department of Internal Medicine of the University of California, Davis and Sacramento Kaiser Permanente. Topic Presented On: Internal Medicine Board (MKSAP VII) Dermatology Review; Sacramento, California - November 10, 1987

119. Speaker, Comprehensive Laser Surgery Center, Palo Alto Medical Foundation Quarterly Laser Seminar for Physicians. Topics Presented On: The Carbon Dioxide Laser Used as a Vaporizing and Excising Instrument in Cutaneous Disorders; and Hands-On Laser Laboratory; Palo Alto, California - November 20, 1987

120. Speaker, Use of the Carbon Dioxide Laser in Dermatology Seminar; Costa Mesa, California - November 21, 1987

121. Speaker, Carbon Dioxide Laser Revision of Full-Thickness Skin Grafts. For the Association of Surgical Faculty; San Antonio, Texas - December 5, 1987

122. Course Director and Speaker, Basic Dermatologic Surgery--An Introduction to Proper Evaluation, Planning and Execution of Minor Surgical Procedures: Focus Session, Annual Meeting of the American Academy of Dermatology; San Antonio, Texas - December 6, 1987

123. Speaker, Lasers in Dermatology Course, Annual Meeting of the American Academy of Dermatology. Topic Presented on The Carbon Dioxide Laser Used in Excisional Surgery; San Antonio, Texas - December 6, 1987

124. Speaker, 5th Annual Mohs Surgery Conference. Topic Presented on Postoperative Care of Flaps and Grafts; San Diego, California - January 16, 1988

125. Visiting Professor, University of California, Los Angeles School of Medicine, Division of Dermatology, Grand Rounds. Topic Presented on New Surgical Dressing Materials; Los Angeles, California - January 19, 1988

126. Speaker, UCLA/Ortho Tuesday Evening Skin Surgery Workshop. Topics Presented On: Laser Physics, Tissue Interactions and New Applications of Lasers in Dermatology; Los Angeles, California - January 19, 1988

127. Speaker, Comprehensive Laser Surgery Center, Palo Alto Medical Foundation Quarterly Laser Seminar for Physicians. Topics Presented On: The Carbon Dioxide Laser Used as a Vaporizing and Excising Instrument in Cutaneous Disorders; and Hands-On Laser Laboratory; Palo Alto, California - February 27-28, 1988

128. Director and Speaker, Use of the Carbon Dioxide Laser in General Surgery and Dermatology Course; Phoenix, Arizona - February 28, 1988

129. Speaker, Course on the Integumentary System for University of California, Davis, Second Year Medical Students. Topic Presented on Dermatologic Procedures; Davis, California - March 2, 1988

130. Speaker, Grant Laser Center Research Foundation Seminar for Physicians on Lasers in Medicine. Topics Presented On Hands-On Laser Laboratory; and Lasers in Cutaneous Disorders; Columbus, Ohio - March 18-19, 1988

131. Speaker, Department of Family Practice, University of California, Davis; Grand Rounds on Aging Skin: Cause, Diagnosis and Treatment; Sacramento, California - March 24, 1988

132. Speaker, Gynecology-Cuticular Laser Course, for Catholic Medical Center. Topics Presented on: Current Uses of Lasers in Cutaneous Disease, and Hands-On Laser Laboratory; Manchester, New Hampshire - March 25-27, 1988

133. Co-Director and Speaker, Carbon Dioxide Laser in General Surgery Course; Boston, Massachusetts - April 9, 1988

PROFESSIONAL PRESENTATIONS (continued):

134. Course Director and Speaker, Carbon Dioxide Laser Surgery in Dermatology Course; Boston, Massachusetts - April 10, 1988
135. Speaker, Use of the Carbon Dioxide Laser in the Revision of Full Thickness Skin Grafts; Annual Meeting of the American Society for Dermatologic Surgery; Monterey, California - April 15, 1988
136. Speaker, Carbon Dioxide Laser Treatment of the Cutaneous Lesions of Cowden's Disease; Annual Meeting of the American Society for Laser Medicine and Surgery; Dallas, Texas - April 27, 1988
137. Speaker, Cryotherapy: Proper Indications for Use; Second International Skin Therapy Symposium; Antwerp, Belgium - May 6, 1988
138. Speaker and Director, Dermatological Surgery Seminars Workshop, for Second International Skin Therapy Symposium. Topics Presented On: Proper Indications and Uses of Lasers; Correct Hair Transplantation Techniques; and Treatment Options for the Correction of Acne Scarring; Antwerp, Belgium - May 5-7, 1988
139. Speaker, Comprehensive Laser Surgery Center, Palo Alto Medical Foundation Quarterly Laser Seminar for Physicians. Topics Presented On: The Carbon Dioxide Laser Used as a Vaporizing and Excising Instrument in Cutaneous Disorders; and Hands-On Laser Laboratory; Palo Alto, California - May 21, 1988
140. Speaker, Department of Otolaryngology, University of California, Davis; Grand Rounds on Pigmented Lesions of the Head and Neck; Sacramento, California - May 27, 1988
141. Speaker, Laser Conference, Covenant Medical Center. Topics Presented On: Use of the Carbon Dioxide Laser in Cutaneous Diseases; Challenging Cutaneous Laser Cases; Lasers in Dermatology, Podiatry and General Surgery; and Hands-On Laser Laboratory; Waterloo, Iowa - June 23-25, 1988
142. Director, Pig's Foot Surgery Laboratory on Proper Surgical Technique and Wound Closure. Department of Dermatology, University of California, Davis; Sacramento, California - July 12, 1988
143. Director, Carbon Dioxide Laser Laboratory on Safe Operation During Vaporization and Excision. Department of Dermatology, University of California, Davis; Sacramento, California - July 19, 1988
144. Speaker, University of California, Irvine - Advanced Seminars in Dermatology. Topic Presented on Newer Advances in Laser Therapy for Dermatologists; Newport Beach, California - August 27, 1988
145. Speaker, Annual Meeting, Electrologists Association of California, Inc.; Topics Presented On: Sclerotherapy, Surgical Treatment of Common Cutaneous Disorders; and Recognition of Common Skin Tumors; Sacramento, California - September 11, 1988
146. Speaker, Comprehensive Laser Surgery Center, Palo Alto Medical Foundation Quarterly Laser Seminar for Physicians. Topics Presented On: The Carbon Dioxide Laser in Skin Disorders; and Hands-On Laser Laboratory; Palo Alto, California - September 17, 1988
147. Speaker, Oral-Maxillofacial, Cuticular, Ophthalmology Course for St. Mary's Medical Center. Topics Presented On: Use of Argon, Dye, Nd:YAG and Carbon Dioxide Lasers in Dermatology and Plastic Surgery; and Hands-On Laser Laboratories; Evansville, Indiana - September 24-25, 1988
148. Speaker, Annual Meeting of the Pacific Dermatologic Association. Topics Presented On: Recent Advances in Cutaneous Laser Applications; and, Lasers in Your Office-Is This Now The Standard of Care? San Diego, California - September 30-October 1, 1988
149. Director, Laser Laboratories for Annual Meeting of the Pacific Dermatologic Association; San Diego, California - September 29-October 1, 1988

PROFESSIONAL PRESENTATIONS (continued):

150. Speaker, Southern California Kaiser Permanente Medical Group Annual Dermatology Symposium. Topic Presented on Current Use of Lasers in Dermatology; Long Beach, California - October 21-22, 1988

151. Speaker, Grand Rounds, Division of Plastic Surgery, University of California, Davis. Topic Presented on The Role of Mohs Surgery in the Management of Cutaneous Tumors; Sacramento, California - October 25, 1988

152. Speaker and Co-Director, Course on Clinical Applications of Lasers in the Office Practice. Topics Presented On: The Carbon Dioxide Laser in Dermatology; and Hands-On Laser Laboratory; Long Beach, California - November 5, 1988

153. Speaker, 20th Annual Symposium on the State of the Art in Medicine-1988, for the Department of Health Sciences, University of California, Los Angeles and Granada Hills Community Hospital. Topic Presented on Current Use of Lasers in Dermatology; North Hollywood, California - November 6, 1988

154. Speaker, General and Peripheral Vascular Laser Surgery, for Abbott Northwestern Laser Center. Topics Presented On: Argon and Dye Lasers: Use in Cutaneous Disorders; and Hands-On Laser Laboratory; Minneapolis, Minnesota - November 18-19, 1988

155. Speaker, Annual Meeting of the Association of Surgical Faculty. Topic Presented on A New Tunable Dye Laser Surgical Technique for the Treatment of Portwine Stain Hemangiomas; Washington, D.C. - December 2, 1988

156. Speaker, Surgical Laboratory for Basic Cutaneous Surgery Course, Annual Meeting of the American Academy of Dermatology; Washington, D.C. - December 4, 1988

157. Speaker, Laboratory Workshop in Flap Surgery, Annual Meeting of the American Academy of Dermatology; Washington, D.C. - December 5, 1988

158. Course Director and Speaker, Basic Dermatologic Surgery--An Introduction to Proper Evaluation, Planning and Execution of Minor Surgical Procedures; Focus Session, Annual Meeting of the American Academy of Dermatology; Washington, D.C. - December 6, 1988

159. Speaker, Basic Science Course; Topics Presented On: Laser Physics and Laser Tissue Interaction, for Department of Dermatology, University of California, Davis; Sacramento, California - January 12, 1989

160. Speaker, Twenty-first Annual Meeting of the South Central Dermatologic Congress. Topics Presented On: Wound Healing and the Newer Surgical Dressings; Current Concepts in Laser Therapy for Dermatologists; and Therapeutic Advances in the Surgical Correction of Male Pattern Alopecia; Santa Fe, New Mexico - January 26-29, 1989

161. Speaker, Ortho Skin Surgery Workshop. Topics Presented On: New Concepts in Dermatologic Surgery and Laser Surgery; Dallas, Texas - February 15, 1989

162. Speaker, Sixth Annual Mohs Micrographic Surgery Conference. Topics Presented On: Management of Sebaceous Carcinoma; and Merkel Cell Carcinoma: An Update; Scottsdale, Arizona - February 18-20, 1989

163. Speaker, Course on the Integumentary System for University of California, Davis Second Year Medical Students. Topic Presented on Common Diagnostic and Therapeutic Dermatologic Procedures; Davis, California - March 1, 1989

164. Speaker, Western Scientific Assembly Meeting of the California Medical Association. Topic Presented on Skin Cancer--Recognition and Treatment; Anaheim, California - March 5, 1989

165. Co-Director and Speaker, Symposium on Lasers in Dermatology for American Society for Dermatologic Surgery. Topics Presented On: Laser Physics and Tissue Interaction, Carbon Dioxide Laser Excisions, and The Role of the Argon Laser Today in Dermatology; Fort Lauderdale, Florida - March 7, 1989

PROFESSIONAL PRESENTATIONS (continued):

166. Speaker, Annual Meeting of the American Society for Dermatologic Surgery. Topic Presented on An Improved Technique for Portwine Stain Hemangiomas Using the Tunable Dye Laser; Fort Lauderdale, Florida - March 8, 1989
167. Speaker, University of Utah Laser Institute, Postgraduate Laser Course on Tunable Dye and Carbon Dioxide Lasers in Dermatology. Topics Presented On: Clinical Uses of the Carbon Dioxide Laser, Argon-Pumped Dye Laser, and Hands-On Laser Laboratory; Salt Lake City, Utah - March 16-17, 1989
168. Speaker, Cutaneous Laser Surgery, for the Laser Center of Abbott Northwestern Hospital. Topics Presented On: Use of the Carbon Dioxide, Argon and Dye Lasers in Dermatology; Hands-On Laser Laboratory; Minneapolis, Minnesota - March 31-April 1, 1989
169. Speaker, Annual Meeting of the American Society for Laser Medicine and Surgery. Topic Presented on The American Experience Using a New Technique of Minimal Power and Small Spot Tunable Dye Laser Therapy for Telangiectasia and Portwine Stain Hemangiomas; Arlington, Virginia - April 16, 1989
170. Speaker, Grand Rounds, Selective Photothermolysis. Department of Dermatology, University of California, Davis; Sacramento, California - April 26, 1989
171. Panel Member, Congress of California Dermatologic Societies. Topic Discussed on Outpatient Cutaneous Surgical Standards; Los Angeles, California - April 30, 1989
172. Speaker, Plastic Surgery and Dermatology Laser Course, for Meridia Suburban Hospital. Topics Presented On: Use of Argon, Nd:YAG Dye and Carbon Dioxide Lasers for Cutaneous Disorders; and Hands-On Laser Laboratories; Cleveland, Ohio - May 6-7, 1989
173. Panel Member, California Medical Association, Dermatology Scientific Advisory Panel. Topics discussed on: Mohs Surgery Indications, Acne Therapy with 13-Cis Retinoic Acid and Publications; San Francisco, California - May 10, 1989
174. Speaker, Use of the Carbon Dioxide Laser in Dermatology and Plastic Surgery, for the Education Network; Los Angeles, California - June 4, 1989
175. Speaker, Plastic Surgery and Dermatology Laser Course, for Meridia Euclid Hospital. Topics Presented On: Use of Argon, Nd:YAG, Dye and Carbon Dioxide Lasers for Cutaneous Disorders and Hands-On Laser Laboratories; Cleveland, Ohio - June 10-11, 1989
176. Speaker, Clinical Studies Session of the Summer Meeting of the American Academy of Dermatology. Topic Presented on Argon-Pumped Tunable Dye Laser Therapy for Cutaneous Vascular Conditions; San Diego, California - June 15, 1989
177. Speaker, Soft Tissue Workshop for the Summer Meeting of the American Academy of Dermatology; San Diego, California - June 16, 1989
178. Speaker, Laser Seminar for the Summer Meeting of the American Academy of Dermatology. Topics Presented On: Laser Physics, Tissue Interaction, Carbon Dioxide Laser Applications, Photodynamic Therapy, and Future Directions in Laser Photomedicine; San Diego, California - June 17, 1989
179. Speaker, Meeting of the Minds for the University of California, Davis Medical Center. Topic Presented on Laser Applications in Skin Disease. Sacramento, California - June 21, 1989
180. Speaker, American Cancer Society. Topic Presented on Skin Cancer Awareness and Public Screening; Sacramento, California - June 22, 1989
181. Speaker, Plastic Surgery and Dermatology Laser Course, for Meridia Hillcrest Hospital. Topics Presented On: Use of Argon, Nd:YAG, Dye and Carbon Dioxide Lasers for Cutaneous Disorders, and Hands-On Laser Laboratories; Cleveland, Ohio - June 24-25, 1989

PROFESSIONAL PRESENTATIONS (continued):

182. Co-Chairman, Interdisciplinary Medical Laser Grand Rounds at Balboa Naval Hospital; San Diego, California - July 1, 1989

183. Director, Pig's Foot Laboratory on Proper Surgical Technique and Wound Closure. Department of Dermatology, University of California, Davis; Sacramento, California - July 26, 1989

184. Director, Carbon Dioxide Laser Seminar on Safety, Uses and Hands-On Laboratory. Department of Dermatology, University of California, Davis; Sacramento, California - August 16, 1989

185. Speaker, 30th Annual Advanced Seminars in Dermatology Course, Sponsored by Department of Dermatology, University of California, Davis. Topic Presented on Progression of Laser Therapy; Rohnert Park, California - August 23, 1989

186. Speaker, Dermatology and Plastic Surgery Laser Course, for Del Ray Beach Community Hospital. Topics Presented On: Use of Argon, Dye and Carbon Dioxide Lasers in Skin Conditions, and Hands-On Laser Laboratories; Del Ray Beach, Florida - September 9-10, 1989

187. Director, Schering Basic Soft Tissue Surgery Regional Workshop; Co-sponsored by Department of Dermatology, University of California, Davis; Sacramento, California - September 23-24, 1989

188. Speaker, Schering Basic Soft Tissue Surgery Regional Workshop; Co-sponsored by the Department of Dermatology, University of California, Davis. Topics Presented On: Biopsy Techniques, Proper Planning of Excisions, Dogear Repair, Sedation and Anesthesia, Wound Healing and Dressing Materials, an Introduction to Common Laser Systems, and Pig's Foot Laboratories; Sacramento, California - September 24, 1989

189. Program Director, Annual Meeting, Association of Surgical Faculty; San Francisco, California - December 2, 1989

190. Speaker, Association of Surgical Faculty Annual Meeting. Topic Presented on Combined Carbon Dioxide Laser Excision and Vaporization for the Treatment of Massive Rhinophyma; San Francisco, California - December 2, 1989

191. Instructor, Basic Cutaneous Surgery Laboratory. Annual Meeting of the American Academy of Dermatology; San Francisco, California - December 3, 1989

192. Course Director and Speaker, Forum on an Introduction to Basic Dermatologic Surgery. Topics Presented On: Patient Evaluations, Equipment and Anesthesia, Proper Planning of Excisions, Synthetic Surgical Dressings and Common Laser Systems. Annual Meeting of the American Academy of Dermatology; San Francisco, California - December 3, 1989

193. Instructor, Flap Surgery Workshop. Annual Meeting of the American Academy of Dermatology; San Francisco, California - December 5, 1989

194. Speaker, Wound Healing Symposium. Topic Presented on Low Energy Lasers to Enhance Wound Healing. Annual Meeting of the American Academy of Dermatology; San Francisco, California - December 5, 1989

195. Speaker, Diagnosis and Management of Common Dermatologic Problems Symposium. Topic Presented on Indications and Advantages of Lasers in Cutaneous Disorders. Annual Meeting of the American Academy of Dermatology; San Francisco, California - December 6, 1989

196. Speaker, Symposium on Surgical Pearls. Topics Presented On: Carbon Dioxide Laser Treatment of Rhinophyma, Proper Surgical Technique in Scalp Reduction Surgery, Current Use of Traditional and Intraoperative Tissue Expansion in Cutaneous Surgery, and Use of the Argon-Pumped Dye Laser for Telangiectasia and Venous Lakes; Annual Meeting of the American Academy of Dermatology; San Francisco, California - December 6, 1989

PROFESSIONAL PRESENTATIONS (continued):

197. Speaker, Project Gold Lecture Series. Topic Presented on Warning Signs and Symptoms of Skin Cancer in Geriatric Patients. Sponsored by Sacramento City College and University of California, Davis; Sacramento, California - January 11, 1990

198. Chairman, Section on Lasers in Dermatology and Plastic Surgery for the Symposium on Biomedical Optics OE Laser '90. Sponsored by the International Society for Photo-Optical Instrumentation Engineering (SPIE); Los Angeles, California - January 14-19, 1990

199. Speaker, Symposium on Biomedical Optics '90 for the Annual Meeting of the International Society for Photo-Optical Instrumentation Engineering (SPIE). Topic Presented on Superpulsed CO₂ Lasers: An Update on Cutaneous Surgical Applications; Los Angeles, California - January 17, 1990

200. Speaker, An Overview of Dermatology and How to Improve Your Profile for Post-Graduate Medical Education, for the American Medical Student Association and the School of Medicine, University of California, Davis; Davis, California - January 25, 1990

201. Speaker, Annual Meeting of the American Society for Dermatologic Surgery. Topic Presented on The Effects of Low-Energy Helium-Neon Laser Irradiation on Human Keratinocyte Migration; Maui, Hawaii - February 17, 1990

202. Speaker, Annual Meeting of the American Society for Dermatology Surgery. Topic Presented on the Removal of Tattoos and Benign Pigmented Lesions Using the Ruby Laser; Maui, Hawaii - February 17, 1990

203. Speaker, Annual Winter Meeting of the Sacramento Valley Dermatologic Society. Topics Presented On: Update on Laser Surgery and Wound Healing and the Use of the Newer Synthetic Surgical Dressings; Incline Village, Nevada - February 22-25, 1990

204. Lecturer, Course on the Integumentary System for University of California, Davis Second Year Medical Students. Topic Presented on Common Diagnostic and Therapeutic Dermatologic Procedures and Patient Presentations; Davis, California - February 28, 1990

205. Chairman, Session on Plastic Surgery and Dermatology; Annual Meeting of the American Society for Laser Medicine and Surgery; Nashville, Tennessee - April 6-7, 1990

206. Speaker, Annual Meeting of the Oklahoma State Dermatologic Society. Topics Presented On: Current Use of Lasers in the Management of Skin Disorders and Clinical Case Discussions; Oklahoma City, Oklahoma - April 21-22, 1990

207. Speaker, Grand Rounds, Hair Replacement Surgical Procedures. Department of Dermatology, University of California, Davis; Sacramento, California - May 2, 1990

208. Speaker, Conference On: The Laser Revolution, for the Medical Staff of Delta Memorial Hospital. Topic Presented on Current Indications and Uses of Lasers in Dermatology; Antioch, California - May 8, 1990

209. Speaker, Grant Laser Center Research Foundation Seminar for Physicians on Lasers in Medicine. Topics presented On: Use of Lasers in Skin Disease and Hands-on Laser Laboratory; Columbus, Ohio - May 11-12, 1990

210. Speaker, Third International Skin Therapy Symposium. Topics Presented On: Surgical Procedures Performed In An Outpatient Setting; Update of Soft Tissue Augmentation; Use of Cryosurgery for Benign and Malignant Skin Lesions; and, Use of Lasers in Treating Vascular Birthmarks; Brussels, Belgium - May 17-20, 1990

211. Chairman, Parallel Session on Physical Modalities of Therapy, Including Lasers. For *Clinical Dermatology in the Year 2000* Course, sponsored by St. Thomas Hospital; London, England - May 25, 1990

PROFESSIONAL PRESENTATIONS (continued):

212. Speaker, Session on Physical Modalities of Therapy Including Lasers for *Clinical Dermatology in the Year 2000* Course, sponsored by St. Thomas Hospital. Topics Presented On: Hair Replacement Surgery; Past, Present, and Future; and, Ultraviolet and Infrared Lasers; London, England - May 25, 1990

213. Speaker, Session on Wound Healing for *Clinical Dermatology in the Year 2000* Course, sponsored by St. Thomas Hospital. Topic Presented on Surgical Dressings: The Past, Present and Future; London, England - May 25, 1990

214. Speaker, Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, University of California, Davis. Topic Presented on Current Status of Lasers in the Treatment of Skin Disorders; Sacramento, California - June 15, 1990

215. Speaker, Education Department of the American Cancer Society for Industrial Indemnity Work Healthwise Program. Topic Presented on The Hazards of Ultraviolet Light and Skin Cancer; Sacramento, California - June 21, 1990

216. Speaker, Annual Meeting of the Society for Pediatric Dermatology. Topic Presented on Advances in Pediatric Dermatologic Surgery, Including Newer Laser Systems; San Diego, California - August 10, 1990

217. Speaker, Advanced Seminars in Dermatology, Sponsored by the Division of Dermatology, University of California, San Diego. Topic Presented on Lasers in Dermatologic Therapy; San Diego, California - August 19, 1990

218. Director, Pig's Foot Surgical Laboratory and an Introduction to Carbon Dioxide Laser Use; for Department of Dermatology, University of California, Davis; Sacramento, California - August 29, 1990

219. Lecturer, Course on the Integumentary System for University of California, Davis, Second Year Medical Students. Topic Presented on Premalignant and Malignant Tumors; Davis, California - August 30, 1990

220. Lecturer, course on the Integumentary System for University of California, Davis, Second Year Medical Students. Topic Presented on Common Diagnostic and Therapeutic Dermatologic Procedures; Davis, California - September 4, 1990

221. Lecturer, Course on the Integumentary System for University of California, Davis, Second Year Medical Students. Topic Presented on Patient Presentations; Davis, California - September 4, 1990

222. Speaker, Grand Rounds, Department of Dermatology, University of California, San Francisco. Topic Presented on Advances in Cutaneous Laser Surgery; San Francisco, California - September 26, 1990

223. Speaker, Redding Medical Center. Topics Presented On: Laser Physics, Tissue Interaction, and Laser Safety; Redding, California - October 12 and November 2, 1990

224. Speaker and Course Director, Redding Medical Center. Topics Presented On: Laser Applications in Plastic Surgery and Dermatology, and Hands-On Laser Laboratory; Redding, California - November 9-10, 1990

225. Speaker, Cutaneous Laser Workshop on the Tunable Dye and Q-Switched Ruby Lasers, for Pascack Valley Hospital. Topics Presented On: Treatment of Tattoos and Benign Pigmented Lesions, and Patient Therapeutics Case Discussions; Westwood, New Jersey - November 17-18, 1990

226. Speaker, Lasers in Dermatology Course for Annual Meeting of the American Academy of Dermatology. Topic Presented on the Laser As An Incisional Instrument; Atlanta, Georgia - December 1, 1990

227. Course Director, Advanced Laser Surgery Course for Annual Meeting of the American Academy of Dermatology; Atlanta, Georgia - December 1, 1990

PROFESSIONAL PRESENTATIONS (continued):

228. Speaker, Advanced Laser Surgery Course, for Annual Meeting of the American Academy of Dermatology. Topics Presented On: Q-Switched Ruby Laser Therapy, and Panel Discussion of Uses of Visible Light Lasers in the Treatment of Vascular Lesions; Atlanta, Georgia - December 1, 1990

229. Instructor, Basic Cutaneous Surgery Course for Annual Meeting of the American Academy of Dermatology. Topic Presented on Pig's Foot Surgical Laboratory Workshop; Atlanta, Georgia - December 2, 1990

230. Speaker, Association of Surgical Faculty Annual Meeting. Topic Presented on Ruby Laser Treatment of Tattoos; Atlanta, Georgia - December 2, 1990

231. Speaker, Advanced Surgical Techniques Symposium, for Annual Meeting of the American Academy of Dermatology. Topic Presented on Laser Surgery for Rhinophyma; Atlanta, Georgia - December 3, 1990

232. Instructor, Laboratory Workshop in Flap Surgery, for Annual Meeting of the American Academy of Dermatology; Atlanta, Georgia - December 4, 1990

233. Speaker, Wound Healing Symposium, for Annual Meeting of the American Academy of Dermatology. Topic Presented on Use of Low Energy Lasers to Enhance Wound Healing; Atlanta, Georgia - December 4, 1990

234. Speaker, Forum on Lasers: Current Practice and Future Applications, for Annual Meeting of the American Academy of Dermatology. Topic Presented on Cutaneous Applications of the Newer and Experimental Laser Systems; Atlanta, Georgia - December 5, 1990

235. Speaker, Medical Staff Executive Committee Meeting, for University of California, Davis Medical Center. Topic Presented on Practical Aspects for Development of Laser Centers; Sacramento, California - January 14, 1991

236. Speaker, Cosmetic Surgery Seminar, for Sutter Surgery Center. Topics Presented On: Treatment of Aging Skin, Laser Therapy for Vascular Birthmarks, Removal of Spider Veins, and Hair Replacement Surgery; Sacramento, California - January 17, 1991

237. Speaker, San Francisco Dermatological Society Quarterly Meeting. Topic Presented on Update on University of California, Davis Department of Dermatology Clinical and Research Activities; San Francisco, California - January 26, 1991

238. Speaker and Co-Director, Plastic Surgery and Podiatry Laser Course for the Methodist Medical Center of Illinois. Topics Presented On: Laser Applications in Skin Disease and Hands-On Laser Laboratory; Peoria, Illinois - February 16, 1991

239. Speaker, Tenth Annual Grant Laser Center Research Foundation Laser Medicine and Surgery Update Symposium. Topics Presented On: Use of Lasers in Cutaneous Disorders and Hands-On Laser Laboratory; Columbus, Ohio - March 8-9, 1991

240. Co-Director and Speaker, Course on Laser Applications in Dermatologic Surgery for Annual Meeting of the American Society for Dermatologic Surgery. Topics Presented On: Basic Laser Physics; Tissue Interaction; Q-Switched Ruby Laser Treatment of Tattoos; Pulsed Dye, Argon-Dye, and Copper Vapor Laser Treatment of Vascular Lesions; Photodynamic Therapy; and Treatment of Pigmented Lesions; Orlando, Florida - March 15, 1991

241. Alfred Winer Memorial Lecturer at the Annual Meeting of the Noah Worcester Dermatological Society. Topics Presented On: Wound Healing and the Newer Surgical Dressings; and the Current Status of Laser Surgery in Dermatology; Scottsdale, Arizona - March 17-23, 1991

242. Speaker, Grand Rounds, Mohs Surgery; Technique, Indications and Benefits; Department of Surgery, Division of Plastic Surgery, University of California, Davis; Sacramento, California - April 2, 1991

PROFESSIONAL PRESENTATIONS (continued):

243. Speaker, Educational Session on Lasers in Dermatology for 38th Annual Congress of the Association of Operating Room Nurses (AORN); Atlanta, Georgia - April 9, 1991

244. Speaker, 11th Annual Meeting of the American Society for Laser Medicine and Surgery. Topic Presented on Q-Switched Ruby Laser Treatment of Tattoos; San Diego, California - April 29, 1991

245. Speaker, 3rd Annual Loma Linda University Plastic Surgery and Dermatology Clinical Symposium on Lasers in Medicine: A Multispecialty Perspective. Topics Presented On: Lasers in Dermatology; and Hands-On Laser Laboratory; Loma Linda, California - May 24, 1991

246. Speaker, Institutional Research and Development Program for Lawrence Livermore National Laboratory. Topics Presented On: Use of Lasers in Cutaneous Oncology; and High Intensity Ultrashort Titanium-Sapphire Laser Pulses for the Treatment of Skin Conditions; Livermore, California - June 6, 1991

247. Course Director and Speaker, Seminar on Lasers in Dermatology, for Annual Summer Session of the American Academy of Dermatology. Topics Presented On: Laser Physics and Safety; Tissue Interaction; and New and Experimental Lasers; Monterey, California - June 14, 1991

248. Speaker, Laser Center Development Seminar, for the University of Oklahoma Health Sciences Center. Topics Presented On: Laser Physics, Laser-Tissue Interaction, and Laser Safety; Oklahoma City, Oklahoma - July 26, 1991

249. Course Director and Speaker, Seminar on Laser Applications in Cutaneous Diseases, for the Departments of Dermatology, Plastic Surgery and Otorhinolaryngology at the University of Oklahoma Health Sciences Center; Oklahoma City, Oklahoma - July 27-28, 1991

250. Director, Pig's Foot and Laser Surgery Laboratory; for Department of Dermatology, University of California, Davis; Sacramento, California - July 30, 1991

251. Speaker, Seminar on New Uses for the Continuous-Wave Gas Lasers - Cutaneous Applications; Park City, Utah - July 31-August 1 1991

252. Speaker, Laser Applications in Plastic Surgery and Dermatology; for Presbyterian Hospital. Topics Presented On: Application of Lasers in Dermatology; and, Hands-On Laser Laboratory; Charlotte, North Carolina - August 24-25, 1991

253. Lecturer, Course on the Integumentary System for University of California, Davis Second Year Medical Students. Topic Presented on Diagnosis and Treatment of Melanoma; Davis, California - August 29, 1991

254. Lecturer, Course on the Integumentary System for University of California, Davis Second Year Medical Students. Topics Presented On: Common Diagnostic and Therapeutic Dermatologic Procedures and Patient Demonstrations; Davis, California - September 3, 1991

255. Speaker, Annual Meeting of the Massachusetts Academy of Dermatology. Topics Presented On: Wound Healing and the Newer Surgical Dressings, An Update on Laser Applications in Dermatology, and Advances in Hair Replacement Surgery; Cape Cod, Massachusetts - September 19-22, 1991

256. Speaker, Annual Meeting of the Association of Academic Dermatologic Surgeons. Topic Presented on Dermatologic Surgery Practice Management in Academia; Chicago, Illinois - September 27, 1991

257. Visiting Professor, University of New Mexico, School of Medicine. Topics Presented on: An Update on Lasers In Medicine, and The Future of Academic Dermatology; Albuquerque, New Mexico - October 30-31, 1991

258. Speaker, Annual Meeting of the New Mexico State Dermatologic Society. Topics Presented on: The Past, Present and Future of Cutaneous Laser Therapy, and Wound Healing and the Newer Surgical Dressings; Albuquerque, New Mexico - November 1-2, 1991

PROFESSIONAL PRESENTATIONS (continued):

259. Speaker, Cutaneous Laser Workshop, for Pascack Valley Hospital. Topics Presented on: Treatment of Tattoos with the Q-Switched Ruby Laser, and Patient Therapeutics Case Discussions; Westwood, New Jersey - November 8-10, 1991

260. Speaker, Lasers in Dermatology Course, for Annual Meeting of the American Academy of Dermatology. Topic Presented on: Excisional Surgery Using the Carbon Dioxide (CO₂) Laser; Dallas, Texas - December 7, 1991

261. Course Director, Advanced Laser Surgery Course, for Annual Meeting of the American Academy of Dermatology; Dallas, Texas - December 7, 1991

262. Speaker, Advanced Laser Surgery Course, for Annual Meeting of the American Academy of Dermatology. Topics Presented on: Ruby Laser Treatment of Tattoos, and Therapeutic Case Discussions; Dallas, Texas - December 7, 1991

263. Speaker, Association of Surgical Faculty Annual Topic Presented on: The Infrared Coagulator for the Treatment of Tattoos; Dallas, Texas - December 7, 1991

264. Instructor, Laboratory Workshop for the Basic Surgery Course, for the Annual Meeting of the American Academy of Dermatology; Dallas, Texas - December 8, 1991

265. Instructor, Laboratory Workshop in Flap Surgery, for Annual Meeting of the American Academy of Dermatology; Dallas, Texas - December 9, 1991

266. Speaker, Forum on Lasers: Current Practice and Future Applications, for Annual Meeting of the American Academy of Dermatology. Topic Presented on Cutaneous Applications of the Newer and Experimental Laser Systems; Dallas, Texas - December 10, 1991

267. Speaker, Controversies in Dermatology, for Annual Meeting of the American Academy of Dermatology. Topic Presented on: Are Lasers Appropriate for the Management of Keloids; Dallas, Texas - December 11, 1991

268. Speaker, Therapeutics, for Annual Meeting of the American Academy of Dermatology. Topic Presented on Use of the New Synthetic Surgical Dressings; Dallas, Texas - December 12, 1991

269. Speaker, Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, University of California, Davis. Topic Presented on Mohs Surgery for Skin Cancers; Sacramento, California - December 20, 1991

270. Visiting Professor, Stanford University, School of Medicine, for Course on Laser Applications in Dermatology. Topics Presented on the Carbon Dioxide Laser as a Vaporizational Instrument, and the Q-Switched Ruby Laser for Treatment of Tattoos and Pigmented Lesions; Palo Alto, California - March 31, 1992

271. Speaker, Westwood Conference on Clinical Dermatology. Topics Presented on: The Latest Advances in Hair Replacement Surgery, New Surgical Dressings, and Update on Laser Therapy; Rancho Mirage, California - April 1-5, 1992

272. Speaker, Annual Meeting of the American Society For Laser Medicine and Surgery. Topic Presented on A Comparison of the Infrared Coagulator and the Carbon Dioxide Laser in the Treatment of Tattoos; Orlando, Florida - May 18, 1992

273. Speaker, Annual Meeting of the Sacramento Pediatric Society. Topic Presented on the Use of the Pulsed Dye Laser in the Treatment of Children with Port Wine Stains; Sacramento, California - June 5, 1992

274. Speaker, Annual Meeting of the American Medical Association. Topic Presented on a Petition of the American Society for Laser Medicine and Surgery for a Seat in the House of Delegates; Chicago, Illinois - June 22-25, 1992

PROFESSIONAL PRESENTATIONS (continued):

275. Speaker, Annual Meeting of the Sonoran Dermatological Society. Topics Presented on: Current Laser Therapy, and Surgical Dressings and Wound Healing; San Diego, California - July 25-26, 1992

276. Lecturer, Course on the Integumentary System for the University of California, Davis, Second Year Medical Students. Topic Presented on: Malignant Melanoma: Diagnosis and Prognosis; Davis, California - August 27, 1992

277. Lecturer, Course on the Integumentary System for the University of California, Davis, Second Year Medical Students. Topic Presented on Common Diagnostic and Therapeutic Dermatologic Procedures; Davis, California - September 1, 1992

278. Lecturer, Course on the Integumentary System for the University of California, Davis, Second Year Medical Students. Topic Presented on: Clinical Case Presentations; Davis, California - September 1, 1992

279. Speaker, Annual Meeting of the Association of Academic Dermatologic Surgeons. Topics Presented on Conflict Management in the Academic Setting, and Departmental Chairs and Dermatologic Surgeons, and Dermatologic Surgeons as Departmental Chairs; Chicago, Illinois - September 11, 1992

280. Course Moderator, Annual Meeting of the Pacific Dermatologic Association; Mini-Symposium on Laser Surgery; Palm Desert, California - September 18, 1992

281. Speaker, Cutaneous Laser Workshop, for Pascack Valley Hospital. Topics Presented on: Treatment of Tattoos with the Q-Switched Ruby Laser, An Introduction to Q-Switched Nd:YAG and Pigmented Lesion Lasers, and Patient Therapeutics Case Discussions; Westwood, New Jersey - November 6-8, 1992

282. Director, Pig's Foot Surgical and Laser Laboratory, for Residents-In-Training, Department of Dermatology; University of California, Davis; Sacramento, California - November 19, 1992

283. Speaker, Lasers in Dermatology Course, for Annual Meeting of the American Academy of Dermatology. Topic Presented on: Carbon Dioxide (CO₂) Laser Surgery; San Francisco, California - December 4, 1992

284. Course Director, Advanced Laser Surgery Course, for Annual Meeting of the American Academy of Dermatology; San Francisco, California - December 5, 1992

285. Speaker, Advanced Laser Surgery Course, for Annual Meeting of the American Academy of Dermatology. Topics Presented on: The Experimental Ultrashort Pulse Titanium:Sapphire Laser, and Therapeutic Case Discussions; San Francisco, California - December 5, 1992

286. Instructor, Laboratory Workshop for the Basic Surgery Course, for the Annual Meeting of the American Academy of Dermatology; San Francisco, California - December 6, 1992

287. Speaker, Association of Surgical Faculty Annual Meeting. Topic Presented on: The Q-Switched, Frequency-Doubled, Nd:YAG Laser for the Treatment of Benign Pigmented Lesions; San Francisco, California - December 7, 1992

288. Instructor, Laboratory Workshop in Flap Surgery, for Annual Meeting of the American Academy of Dermatology; San Francisco, California - December 7, 1992

289. Speaker, Forum on Lasers: Current Practice and Future Applications, for Annual Meeting of the American Academy of Dermatology. Topic Presented on Cutaneous Applications of the Newer and Experimental Laser Systems for the Treatment of Tattoos and Benign Pigmentation; San Francisco, California - December 8, 1992

290. Speaker, Forum on What's New in Dermatology, for Annual Meeting of the American Academy of Dermatology. Topic Presented on What's New in Dermatologic Surgery; San Francisco, California - December 8, 1992

PROFESSIONAL PRESENTATIONS (continued):

291. Director, Laser Surgical Laboratory, for Residents-In-Training, Department of Dermatology; University of California, Davis; Sacramento, California - December 16, 1992

292. Co-Director, The Tenth Annual Mohs Micrographic Surgery Conference, for the Skin Cancer Foundation; Rancho Mirage, California - January 16-18, 1993

293. Speaker, The Tenth Annual Mohs Micrographic Surgery Conference, for the Skin Cancer Foundation. Topics Presented on: Current Status of Lasers in Cutaneous Surgery and Oncology, and Panel Moderator on Clinical Cases; Rancho Mirage, California - January 18, 1993

294. Presidential Award Speaker, for the Annual Meeting of the American Academy of Cosmetic Surgery. Topic Presented on the Current Use of Lasers in Cosmetic Surgery; Los Angeles, California - February 13, 1993

295. Speaker, 10th Annual Winter Colloquium on Clinical Dermatology, for the Dermatology Foundation and the Association of Professors of Dermatology. Topics Presented on: Practical Uses for Synthetic Surgical Dressings, and An Update on Cutaneous Laser Therapy in the 1990's; Kona, Hawaii - February 15-19, 1993

296. Speaker, 35th Annual Meeting of the Noah Worcester Dermatological Society. Topic Presented on An Update on Cutaneous Laser Therapy; Carlsbad, California - March 14-20, 1993

297. Program Chairman, Annual Scientific Meeting of the American College of Mohs Micrographic Surgery and Cutaneous Oncology; Charleston, South Carolina - March 21-24, 1993

298. Speaker, Annual Scientific Meeting of the American Society for Dermatologic Surgery. Topics Presented on: Use of the Q-Switched, Frequency-Doubled Nd:YAG Laser for the Treatment of Benign Pigmented Lesions, and The Effects of the Femtosecond, Gigawatt Titanium:Sapphire Laser on Skin; Charleston, South Carolina - March 27, 1993

299. Visiting Professor and Radcliffe Memorial Lecturer, Department of Dermatology, University of Iowa. Topic Presented on Current Uses of Lasers in Dermatology; Iowa City, Iowa - April 1-2, 1993

300. Speaker, Spring Meeting of the Iowa Dermatological Society. Topics Presented on: Wound Healing and the Newer Synthetic Surgical Dressings, and Clinical Case Discussions; Iowa City, Iowa - April 2-3, 1993

301. Speaker, Grand Rounds for the Department of Dermatology, University of California, Davis. Topic Presented on Use of Lasers in Dermatology; Sacramento, California - April 7, 1993

302. Visiting Professor, Department of Dermatology, University of California, San Diego and the Department of Dermatology, Department of Navy, Balboa Naval Hospital of San Diego. Topics Presented on Growth Factors and Wound Healing, and The Current Status of Laser Surgery in Dermatology; San Diego, California - April 11-12, 1993

303. Speaker, San Diego Dermatological Society. Topic Presented on Medical and Surgical Management of Keloids and Hypertrophic Scars; La Jolla, California - April 12-13, 1993

304. Speaker and Course Director, University of Arizona, Section of Dermatology and St. Joseph's Hospital Carondelet. Topics Presented on: Basic Laser Physics, Laser-Tissue Interaction, Laser Safety, Surgical Technique for Treating Tattoos and Benign Pigmented Lesions Using the Q-Switched Nd:YAG Laser, and Hands-On Laser Laboratory; Tucson, Arizona - April 23-24, 1993

305. Speaker, Grand Rounds for the Department of Otolaryngology/Head and Neck Surgery, University of California, Davis. Topic Presented on Use of Lasers in Skin Disease; Sacramento, California - May 6, 1993

PROFESSIONAL PRESENTATIONS (continued):

306. Speaker and Co-Director, "Meeting of the Minds" Lecture Series, for the Department of Public Information, University of California, Davis Medical Center. Topics Presented on: Facts and Misconceptions About Sunlight Exposure and Skin Cancer, Proper Use of Sunscreens, and Recognition of the Common Types of Skin Cancer; Sacramento, California - May 18, 1993

307. Visiting Professor, Department of Dermatology, University of Texas Southwestern Medical Center at Dallas. Topics Presented on: Modification of Wound Healing with the Newer Synthetic Surgical Dressings and Clinical Patient Presentations; Dallas, Texas - June 21-23, 1993

308. Speaker, Dallas Dermatology Society Annual Scientific Meeting. Topic Presented on What's New in Laser Surgery for Skin Disease; Dallas, Texas - June 22, 1993

309. Speaker, Course on Lasers in Dermatology and Plastic Surgery: Practical Considerations for an Office-Based Laser Practice, for Stanford University School of Medicine, Department of Dermatology. Topics Presented on: Use of the Carbon Dioxide Laser in Skin Disorders, the Q-Switched Nd:YAG Laser for the Treatment of Tattoos, and Hands-On Laser Laboratory; San Francisco, California - June 26-27, 1993

310. Speaker, Course on Q-Switched Nd:YAG and Frequency-Doubled Nd:YAG Lasers in the Treatment of Cutaneous Lesions, for Pascack Valley Hospital. Topics Presented on: Treatment of Tattoos and Hands-On Laser Laboratory; South Lake Tahoe, California - July 24-25, 1993

311. Speaker, Course on Laser Applications in Dermatology, for Presbyterian Hospital. Topics Presented on: Removal of Tattoos, Treatment of Vascular and Pigmented Lesions, New Ideas in the Treatment of Verrucae, and Hands-On Laser Laboratories; Charlotte, North Carolina - August 13-14, 1993

312. Speaker, Annual Joint Meeting of the Southwestern and Arizona Dermatological Societies. Topics Presented on: Latest Advances in Lasers, Management of Keloids: Surgical and Medical Approaches, and Clinical Case Presentation and Discussion; Tucson, Arizona - October 1-3, 1993

313. Course Director and Speaker, Seminar on the Copper Vapor Laser in Cutaneous Disorders: Proper Indications and Surgical Technique, for Tucson General Hospital. Topics Presented on: Basic Laser Physics and Laser-Tissue Interaction, Uses of the Yellow Light Lasers in Managing Skin Disorders, and Hands-On Laser Laboratories; Tucson, Arizona - October 9-10, 1993

314. Speaker, Minimally Invasive Procedures in Plastic Surgery and Dermatology Using Focused Energy, for Saint Joseph Medical Center. Topics Presented on: Applications of Lasers in Dermatology and Hands-On Laser Laboratories; Joliet, Illinois - October 30-31, 1993

315. Speaker, Cutaneous Laser Workshop, for Pascack Valley Hospital. Topics Presented on: Treatment of Tattoos with the Q-Switched Ruby Laser, and Patient Therapeutics Case Discussions; Westwood, New Jersey - November 5-7, 1993

316. Speaker, Lasers in Dermatology Course, for Annual Meeting of the American Academy of Dermatology. Topics Presented on: Carbon Dioxide (CO₂) Laser Surgery and Clinical Case Discussions on Treatment of Vascular Lesions; Washington, D.C. - December 4, 1993

317. Course Director, Advanced Laser Surgery Course, for Annual Meeting of the American Academy of Dermatology; Washington, D.C. - December 4, 1993

318. Speaker, Advanced Laser Surgery Course, for Annual Meeting of the American Academy of Dermatology. Topic Presented on: What is the Future of Lasers in Medicine? Washington, D.C. - December 4, 1993

319. Speaker, Association of Surgical Faculty Annual Meeting. Topic Presented on: The Q-Switched Nd:YAG Laser for the Treatment of Traumatic Tattoos; Washington, D.C. - December 6, 1993

PROFESSIONAL PRESENTATIONS (continued):

320. Speaker, Forum on Lasers: Physics Demonstration, Current Practice and Future Applications, for Annual Meeting of the American Academy of Dermatology. Topic Presented on Cutaneous Applications of the Newer and Experimental Laser Systems; Washington, D.C. - December 7, 1993

321. Speaker, Symposium on Surgical Pearls, for Annual Meeting of the American Academy of Dermatology. Topics Presented on: Defining "Cosmetic" versus "Reconstruction" for Insurance Companies, Laser Photocoagulation of Venous Lakes, Topical Aloe Vera Gel after Laser Photocoagulation, and Reducing Interoperative Laser Aerosols with Hydrogel Dressings; Washington, D.C. - December 8, 1993

322. Speaker, Use of Lasers in Plastic Surgery and Dermatology, for Pendleton Memorial Methodist Hospital. Topics Presented on: Applications of Visible Light Lasers in Treating Vascular Lesions and Hands-On Laser Laboratories; New Orleans, Louisiana - January 8-9, 1994

323. Speaker, Seminar on the Clinical Applications of the Krypton Laser. Topics Presented on: Comparison of Visible Light Lasers in Dermatology and Hands-On Laser Laboratory; Rancho Mirage, California - February 12-13, 1994

324. Speaker, Seminar on the Q-Switched Ruby Laser and Other Pulsed Lasers in the Treatment of Cutaneous Lesions, for Pascack Valley Hospital. Topics Presented on: Basic Laser Physics, Laser Safety for Eye and Skin Protection, and Hands-On Laser Laboratory; Scottsdale, Arizona - March 19-20, 1994

325. Speaker, Round-Table Discussion on Potential Directions for Biomedical Photonics, for Ontario Laser and Lightwave Research Centre; Toronto, Ontario, Canada - April 6, 1994

326. Speaker, Annual Meeting of the American Society for Laser Medicine and Surgery. Topic Presented on: Presidential Address: The Promise of Lasers for Tomorrow; Toronto, Ontario, Canada - April 8, 1994

327. Director, Seminar on the Use of Lasers in Plastic Surgery, for St. Francis Hospital. Topics Presented on: Laser Physics and Safety, Laser-Tissue Interactions, Clinical Applications of the Carbon Dioxide, Copper Bromide and Nd:YAG Lasers, and Hands-On Laser Laboratories; Poughkeepsie, New York - April 11, 1994

328. Co-Director and Speaker, Seminar on Use of Lasers in the Management of Pigmented lesions, for Annual Meeting of the American Society for Dermatologic Surgery. Topics Presented on: Chronologic Evolution of Laser Therapy of Pigmented Lesions and Complications and Risks Associated with Continuous Wave Laser Treatment of Benign Pigmented Lesions; San Diego, California - May 12, 1994

329. Co-Director, Mini-Symposium on General Dermatologic Surgery and Anesthesia, and Lasers, for Annual Meeting of the American Society for Dermatologic Surgery. Topic Presented on: Panel Discussion on Effectiveness of Pulsed and Q-Switched Lasers in Treating Vascular and Pigmented Lesions; San Diego, California - May 15, 1994

330. Speaker, Annual Meeting of the American Dermatological Association. Topic Presented on: Non-Thermal Ablation of Skin by the Ultrashort Pulsed Titanium:Sapphire Laser; White Sulphur Springs, West Virginia - May 31, 1994

331. Speaker, Course on Clinics in Cutaneous Reconstruction for the Annual Summer Meeting of the American Academy of Dermatology. Topics Presented on: Wound Closure Options for Facial Defects and Panel Discussion on Facial Reconstruction; San Francisco, California - August 1, 1994

332. Speaker, for Pascack Valley Hospital Skin Laser Center Course. Topics Presented on: The Physics of Pulsed Lasers, Pulsed Lasers and Tissue Interaction, Patient Selection for Treating Pigmented and Vascular Lesions, and Hands-On Laser Laboratory with the Q-Switched Nd:YAG Laser; Sonoma, California - August 4-5, 1994

333. Speaker, Annual Scientific Meeting for the Association of Academic Dermatologic Surgeons. Topic Presented on: Conflict Reduction for Academic Dermatologic Surgeons; Chicago, Illinois - September 9, 1994

PROFESSIONAL PRESENTATIONS (continued):

334. Director, Pig's Foot Surgical Laboratory, for Residents-In-Training, Department of Dermatology; University of New Mexico; Albuquerque, New Mexico - September 19, 1994

335. Speaker, Annual Meeting of the American Society for Plastic and Reconstructive Surgery. Topic Presented on: Use of the Krypton Laser in a Cosmetic Surgical Practice; San Diego, California - September 26, 1994

336. Speaker, Annual Meeting of the Pacific Dermatologic Association. Topic Presented on: Laser Update; Tucson, Arizona - October 22, 1994

337. Speaker, Twentieth Colombian Congress of Dermatology. Topics Presented on: Uses of Lasers in Dermatology, Risks and Complications of Laser Surgery, and the Medical and Surgical Management of Keloids; Cali, Colombia - November 3-6, 1994

338. Speaker, Course on Laser Applications in Oral Surgery and Dermatology, for Presbyterian Hospital. Topics Presented on: Clinical Uses of the Carbon Dioxide, Argon-Pumped Tunable Dye, Pulsed Dye and Q-Switched Nd:YAG Lasers, and Hands-On Laser Laboratory; Charlotte, North Carolina - November 18-19, 1994

339. Speaker, Laser Seminar on Use of the Krypton Laser in Plastic Surgery and Dermatology. Topics Presented on: Laser Physics of the Pulsed and Continuous Wave Lasers, Clinical Applications of the Yellow Light Lasers, and Hands-On Clinical Laboratory; Squaw Valley, California - December 8-11, 1994

340. Speaker, Ground Rounds for the Department of Internal Medicine, University of New Mexico Health Sciences Center. Topic Presented on: Current Uses of Lasers in Dermatology; Albuquerque, New Mexico - January 19, 1995

341. Co-Director, Laser Course on Use of the Q-Switched Nd:YAG Laser in Dermatology, for Slidell Memorial Hospital. Topics Presented on: Basic Laser Physics, Q-Switching and Laser-Tissue Interaction, Clinical Uses of the Q-Switched Nd:YAG Laser, and Hands-On Laser Laboratory; Slidell, Louisiana - February 2, 1995

342. Speaker, Lasers In Dermatology Course, for Annual Meeting of the American Academy of Dermatology. Topics Presented on: Pulsed Dye Laser Surgery of Vascular Lesions, and Panel Discussion; New Orleans, Louisiana - February 4, 1995

343. Speaker, Association of Surgical Faculty Annual Meeting. Topic Presented on: Laser-Assisted Hair Removal: A Preliminary Report; New Orleans, Louisiana - February 6, 1995

344. Speaker, Symposium on Advanced Pediatric Dermatology, for Annual Meeting of the American Academy of Dermatology. Topics Presented on: Advances in the Surgical Approach to Pediatric Dermatologic Problems: The Laser in Vascular and Pigmented Pediatric Lesions, New Anesthetic and Sedation Techniques, The Reality of Tissue Expansion, and New Elliptical Excisional Punches; New Orleans, Louisiana - February 8, 1995

345. Speaker, Noon Conferences for the Department of Internal Medicine, University of New Mexico Health Sciences Center. Topic Presented on: Advances in Dermatology Therapy; Albuquerque, New Mexico - February 13 & 15, 1995

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- 1.* Gilmore WA and Wheeland RG: Treatment of Ulcers on Legs by Pinch Grafts and a Supportive Dressing of Polyurethane. Journal of Dermatologic Surgery and Oncology 8:177-183, 1982.
2. Wheeland RG: Dermatology Review—Herpes Zoster. Resident and Staff Physician 28:56, 1982.
3. Wheeland RG: Dermatology Quiz—Secondary Syphilis. Resident and Staff Physician 28:11, 1982.
4. Wheeland RG: Dermatology Review—Lichen Planus. Resident and Staff Physician 28:59, 1982.
5. Wheeland RG: Burgdorf WHC, and Hoshaw RA: A Quick Tzanck Smear (Letter). Journal of the American Academy of Dermatology 8:258-259, 1983.
- 6.* Wheeland RG: Burgdorf WHC, and Humphrey GB: The Flag Sign of Chemotherapy. Cancer 51:1356-1358, 1983.
7. Wheeland RG: A Better Stain for Tzanck Smears (Letter). Journal of the American Academy of Dermatology 8:908, 1983.
8. Wheeland RG: Cutaneous Surgery. In: Fundamentals of Dermatology. (Eds.) T Naseman, W Sauerbrey and WHC Burgdorf. Springer-Verlag, New York, pp. 317-322, 1983.
- 9.* Wheeland RG: Dermatology Quiz—Sporotrichosis. Medical Times 111:26, 1983.
- 10.* Wheeland RG, Gilchrist RW, and Young CJ: Treatment of Ischemic Digital Ulcers with Nitroglycerin Ointment. Journal of Dermatologic Surgery and Oncology 9:548-551, 1983.
11. Wheeland RG: Dermatology Quiz—Cutanea Larva Migrans. Resident and Staff Physician 29:17, 1983.
- 12.* Wheeland RG, Norwood OT, and Roundtree JM: Tattoo Removal Using Serial Tangential Excision and Polyurethane Membrane Dressing. Journal of Dermatologic Surgery and Oncology 9:822-826, 1983.
13. Wheeland RG: Dermatology Quiz—Sporotrichosis. Resident and Staff Physician 29:103, 1983.
- 14.* Wheeland RG, Thurmond RD, Gilmore WA, and Blackstock R: Chronic Blepharitis and Pyoderma of the Scalp: An Immune Deficiency State in a Father and Son with Hypercupremia and Decreased Intracellular Killing. Pediatric Dermatology 1:134-142, 1983.
15. Wheeland RG: Giemsa Stain for Tzanck Smear (Letter). Journal of the American Academy of Dermatology 9:464, 1983.
- 16.* Wheeland RG, Gilmore WA, and Morgan RJ: Use of a Nonconductive Acrylic Pressure Ring for Control of Bleeding During Minor Surgery. Journal of Dermatologic Surgery and Oncology 9:20-25, 1983.
17. Wheeland RG: Dermatology Quiz—Dermographism. Resident and Staff Physician 29:16, 1983.
- 18.* Wheeland RG, Bailin PL, and Kronberg E: Carbon Dioxide (CO₂) Laser Vaporization for the Treatment of Multiple Trichoepithelioma. Journal of Dermatologic Surgery and Oncology 10:470-475, 1984.
19. Wheeland RG: Dermatology Mediquiz—Lichen Planus. Medical Times 112:65, 1984.
- 20.* Wheeland RG and Bailin PL: Dermatologic Applications of the Argon and Carbon Dioxide Lasers. Current Concepts in Skin Disorders 5:5-11, 1984.
21. Wheeland RG: Dermatology Picture Quiz—Neuropathic Ulcer. Medical Times 112:116, 1984.

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22.* Wheeland RG and Bailin PL: Scalp Reduction Surgery with the Carbon Dioxide (CO₂) Laser. Journal of Dermatologic Surgery and Oncology 10:565-569, 1984.

23. Wheeland RG, Burgdorf WHC, and Humphrey GB: The Flag Sign of Chemotherapy (Abstract). In: Yearbook of Dermatology-1984. (Eds.) AJ Sober and TB Fitzpatrick. Yearbook Medical Publishers, Inc., Chicago, 1984, pp. 171-173.

24. Wheeland RG: Lasers in Medicine: Dermatology. IM-Internal Medicine for the Specialist 5:175-197, 1984.

25.* Speck FL and Wheeland RG: Cutaneous Histopathology of Southwestern American Indian Mummies. The International Journal of Dermatology 23:487-492, 1984.

26. Wheeland RG and Everett MA: The Clinical Diagnosis of Malignant Melanoma. In: Controversies in Dermatology. (Ed.) Ervin Epstein. WB Saunders Co., Philadelphia, pp. 26-29, 1984.

27.* Wheeland RG, Ashley JR, Smith DA, Ellis DL, and Wheeland DN: Carbon Dioxide (CO₂) Laser Treatment of Granuloma Faciale. Journal of Dermatologic Surgery and Oncology 10:730-733, 1984.

28. Wheeland RG, Cramer JA and Odom RB: Dealing with the Bothersome Skin Cyst. Patient Care 19:153-158, 1985.

29. Wheeland RG: Diff-Quik Stain for Tzanck Smears (Letter). Journal of the American Academy of Dermatology 13:148-149, 1985.

30.* Wheeland RG and Roundtree JM: Calcinosis Cutis Resulting from Percutaneous Penetration and Deposition of Calcium. Journal of the American Academy of Dermatology 12:172-175, 1985.

31.* Ellis DL, Wheeland RG, and Solomon H: Estrogen and Progesterone Receptors in Primary Cutaneous Melanoma. Journal of Dermatologic Surgery and Oncology 11:54-59, 1985.

32. Wheeland RG, Cramer JA and Odom RB: Is That Mole Malignant? Patient Care 19:20-44, 1985.

33.* Ellis DL, Wheeland RG, and Solomon H: Estrogen and Progesterone Receptors in Congenital Melanocytic Nevi. Journal of the American Academy of Dermatology 12:235-244, 1985.

34. Wheeland RG, Cramer JA, and Odom RB: Skin Lesions: Following Pigment Clues. Patient Care 19:22-24, 1985.

35.* Wheeland RG and Gilmore WA: The Surgical Treatment of Hypertrophic Darier's Disease. Journal of Dermatologic Surgery and Oncology 11:420-423, 1985.

36. Wheeland RG and Bailin PL: Stimulation of Granulation Tissue Over Exposed Cranial Bone by Use of Carbon Dioxide (CO₂) Laser Perforation (Abstract). Journal of Dermatologic Surgery and Oncology 11:435-436, 1985.

37. Wheeland RG, Schreffler DE, and Ross N: Treating Cancers of Skin, Bone, and Soft Tissue. In: Neoplastic Disorders. (Ed.) D Cochet. Springhouse-Intermed Communications, Inc., Springhouse, Pennsylvania, pp. 86-97, 1985.

38.* McMahon JT, Tubbs RR, Bergfeld WF, Wheeland RG, and Bailin PL: Ultrastructural and Immunomorphologic Study of Perinuclear Filaments in Merkel Cell Tumors. Cleveland Clinic Quarterly 52:103-110, 1985.

39.* Bailin PL and Wheeland RG: Carbon Dioxide (CO₂) Laser Perforation of Exposed Cranial Bone to Stimulate Granulation Tissue. Plastic and Reconstructive Surgery 75: 898-902, 1985.

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40.* Wheeland RG, Donaldson ML, and Bulmer GS: Localized Darier's Disease of the Scalp Complicated by Trichophyton Tonsurans Infection. Archives of Dermatology 121:905-907, 1985.

41.* Wheeland RG, Bailin PL, Kantor GR, Walker NPJ and Ratz JL: Treatment of Adenoma Sebaceum with Carbon Dioxide Laser Vaporization. Journal of Dermatologic Surgery and Oncology 11:861-864, 1985.

42.* Ellis DL, Wheeland RG, and Solomon H: Estrogen and Progesterone Receptors in Melanocytic Lesions: Occurrence in Patients with Dysplastic Nevus Syndrome. Archives of Dermatology 121:1282-1285, 1985.

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44. Wheeland RG: Dermatology Picture Quiz—Herpes Zoster in an Immunosuppressed Individual. Medical Times 113:10, 1985.

45.* Wheeland RG, Bailin PL, and Norris MJ: Argon Laser Photocoagulative Therapy of Kaposi's Sarcoma: A Clinical and Histologic Evaluation. Journal of Dermatologic Surgery and Oncology. 11:1180-1185, 1985.

46.* Wheeland RG, Leonard JC, and Ellis DL: Gallium Scintigraphy in Exfoliative Erythroderma. Clinical Nuclear Medicine 10:887-888, 1985.

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49.* Bailin PL, Kantor GR and Wheeland RG: Carbon Dioxide Laser Vaporization of Lymphangioma Circumspectum. Journal of the American Academy of Dermatology 14:257-262, 1986.

50. Wheeland RG: Dermatology Picture Quiz—Secondary Syphilis. Medical Times 114:68, 1986.

51.* Kantor GR, Ratz JL, and Wheeland RG: Treatment of Acne Keloidal Nuchae with Carbon Dioxide Laser. Journal of the American Academy of Dermatology 14:263-267, 1986.

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